

Rabbit Anti-Vimentin antibody

SL0756R

Product Name	[KO validated anti] Vimentin
Chinese Name	波形蛋白抗体
Alias	FLJ36605; OTTHUMP00000019224; VIM; VIME_HUMAN; Vimentin.
Research Area	Tumour Cell biology immunology Developmental biology Neurobiology Signal transduction St Cytoskeleton TumourCell biologyMaker
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse,Rat(predicted:Chicken,Pig,Cow,Goat) WB=1:1000-5000,IHC-P=1:200-1000,IHC-F=1:200-1000,ICC/IF=1:100-500,IF=1:200-1000,FI (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	53kDa
Cellular localization	cytoplasmic Extracellular matrix
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Vimentin: 371-466/466
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	Human,Mouse,Rat(predicted:Chicken,Pig,Cow,Goat)1M TBS(pH7.4) with 1% BSA, Human,Mouse,Rat(predicted:Chicken,Pig,Cow,Goat)3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or d applications.
PubMed	PubMed
Product Detail	This gene encodes a member of the intermediate filament family. Intermediate filamentents, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this g

[Entrez Gene: 81818](#) Rat

[Omid: 193060](#) Human

[SwissProt: P08670](#) Human

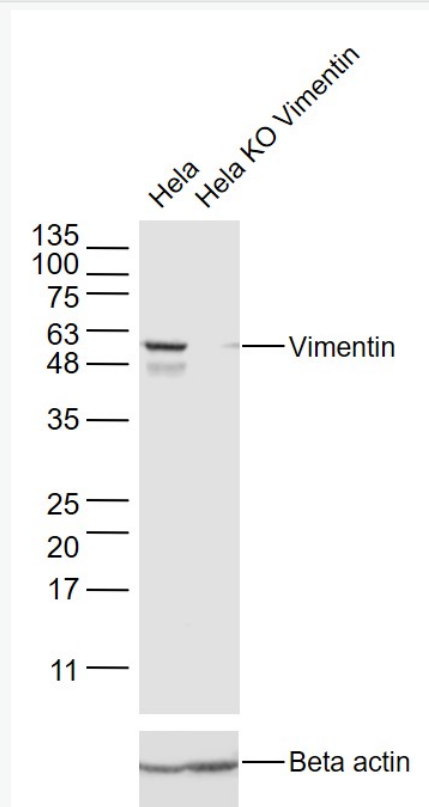
[SwissProt: P20152](#) Mouse

[SwissProt: P31000](#) Rat

[Unigene: 455493](#) Human

Vimentin—波形蛋白。是五种主要的中间丝之一，存在于各种正常和病理性间质来源的细胞、endothelial cells、lymphocyte 等正常细胞和肉瘤、淋巴瘤、黑色素瘤等 Tumour。波形 Cytoskeleton 完整性的蛋白之一。

**Product
Picture**



Sample:

HeLa(Human) Cell Lysate at 30 ug

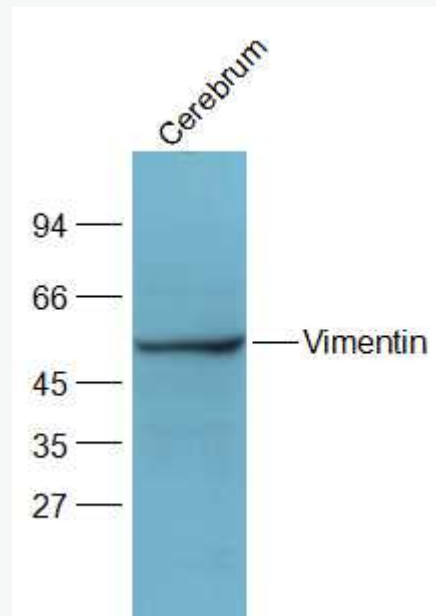
HeLa KO Vimentin (Human) Cell Lysate at 30 ug

Primary: Anti- Vimentin (SL0756R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD

Observed band size: 53 kD



Sample:

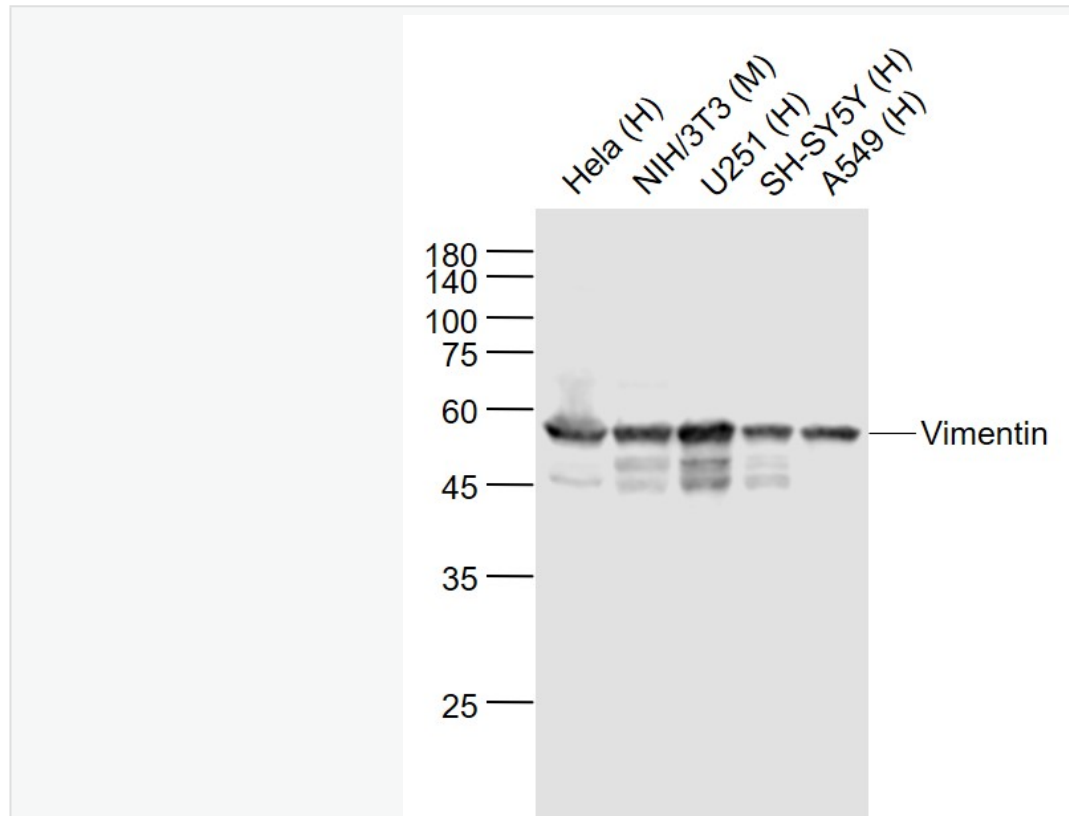
Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti-Vimentin (SL0756R) at 1/2000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD

Observed band size: 53 kD



Sample:

Lane 1: HeLa (Human) Cell Lysate at 30 ug

Lane 2: NIH/3T3 (Mouse) Cell Lysate at 30 ug

Lane 3: U251 (Human) Cell Lysate at 30 ug

Lane 4: SH-SY5Y (Human) Cell Lysate at 30 ug

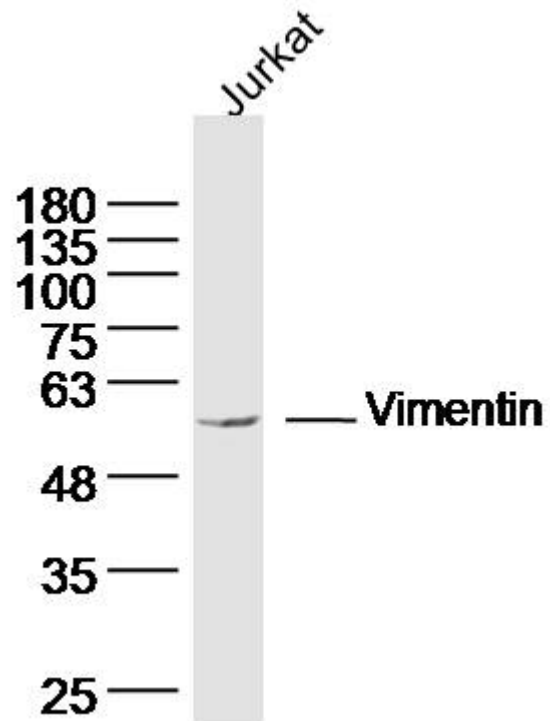
Lane 5: A549 (Human) Cell Lysate at 30 ug

Primary: Anti-Vimentin (SL0756R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 55 kD

Observed band size: 57 kD



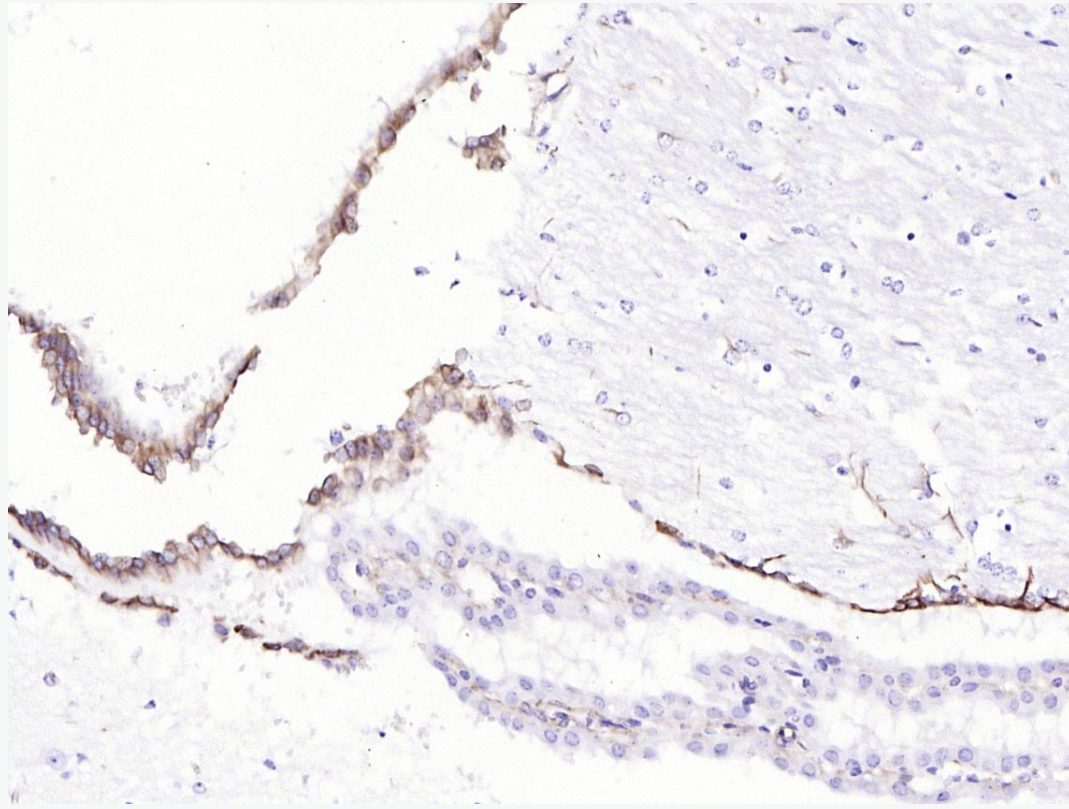
Sample: Jurkat (human)Cell Lysate at 40 ug

Primary: Anti- Vimentin (SL0756R) at 1/300 dilution

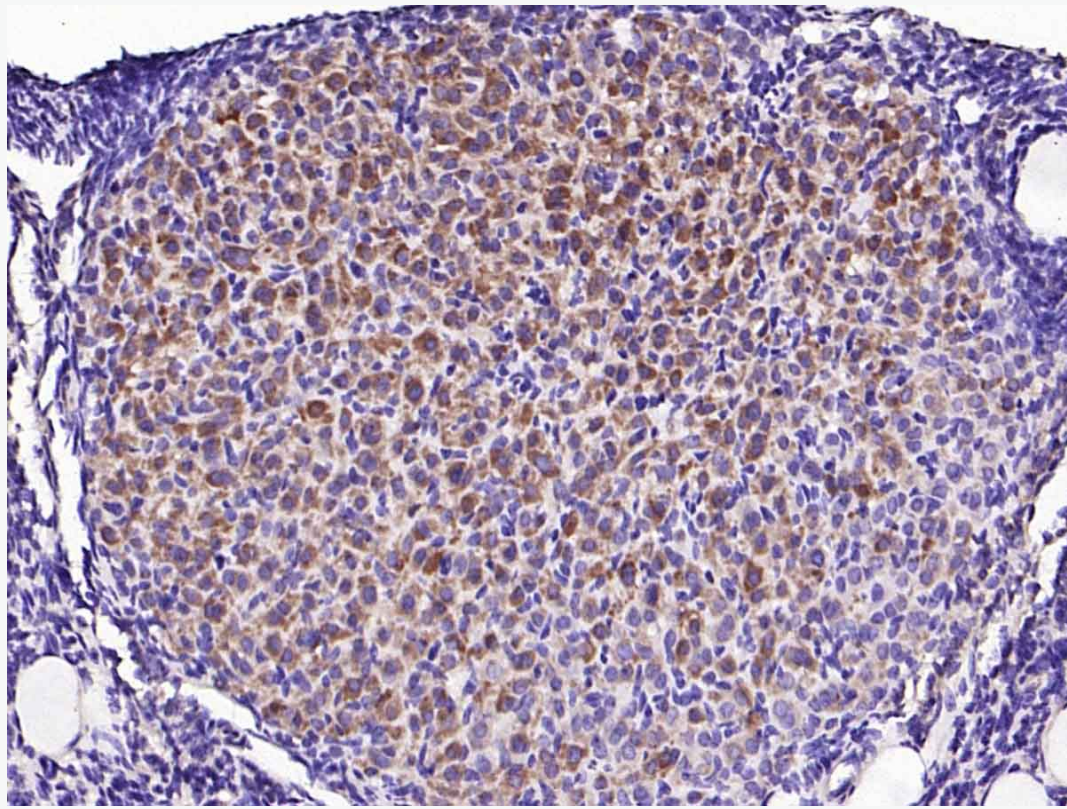
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD

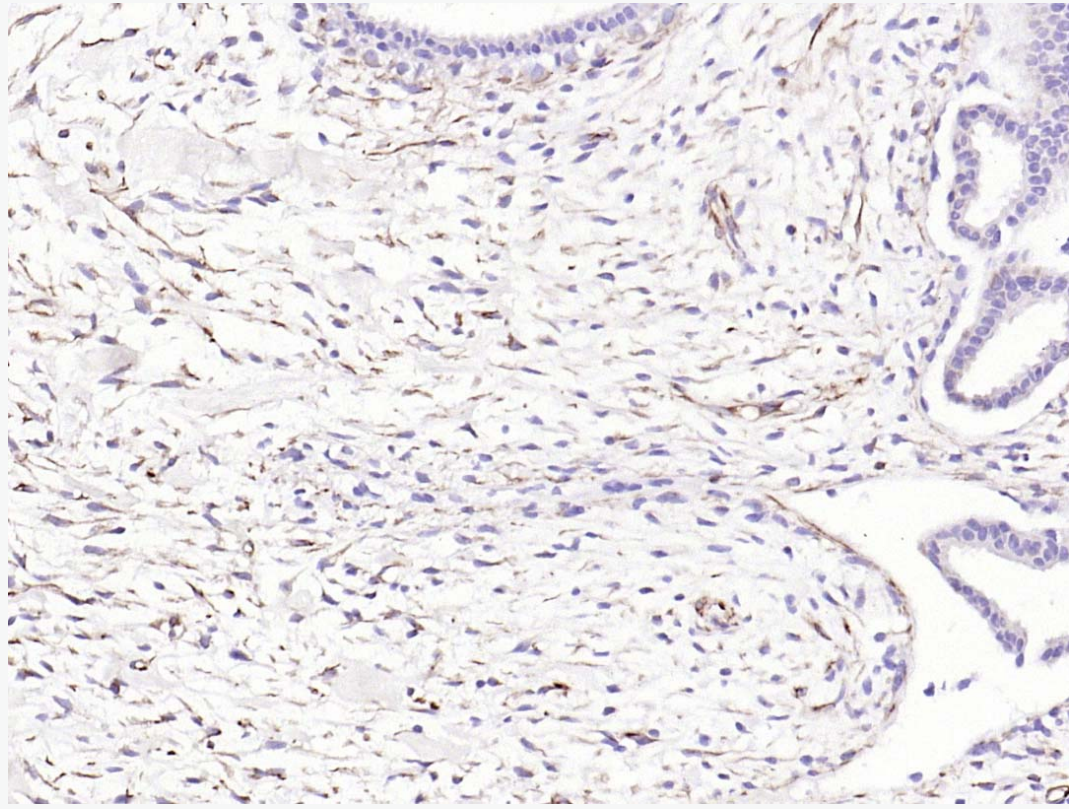
Observed band size: 53 kD



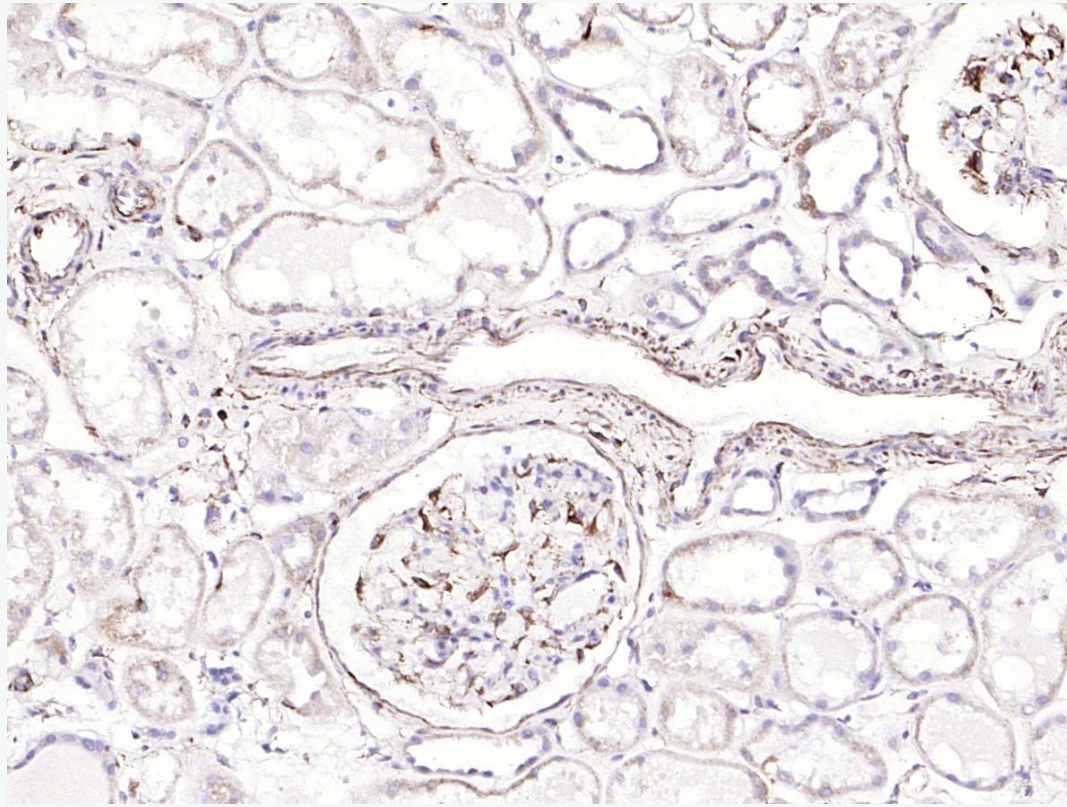
Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in so buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin) Polyclon Unconjugated (SL0756R) at 1:200 overnight at 4°C, followed by operating according to SP K (sp-0023) instructions and DAB staining.



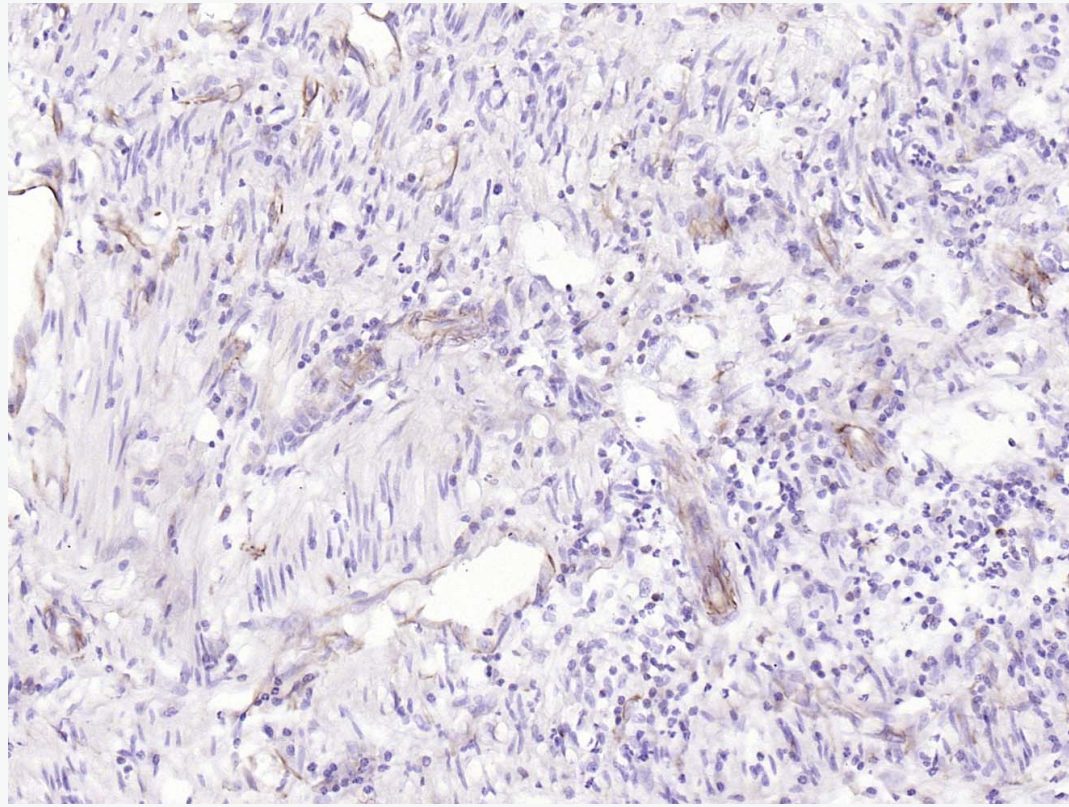
Paraformaldehyde-fixed, paraffin embedded (mouse ovary); Antigen retrieval by boiling in so
buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min
buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin) Polyclon
Unconjugated (SL0756R) at 1:200 overnight at 4°C, followed by operating according to SP K
(sp-0023) instructions and DAB staining.



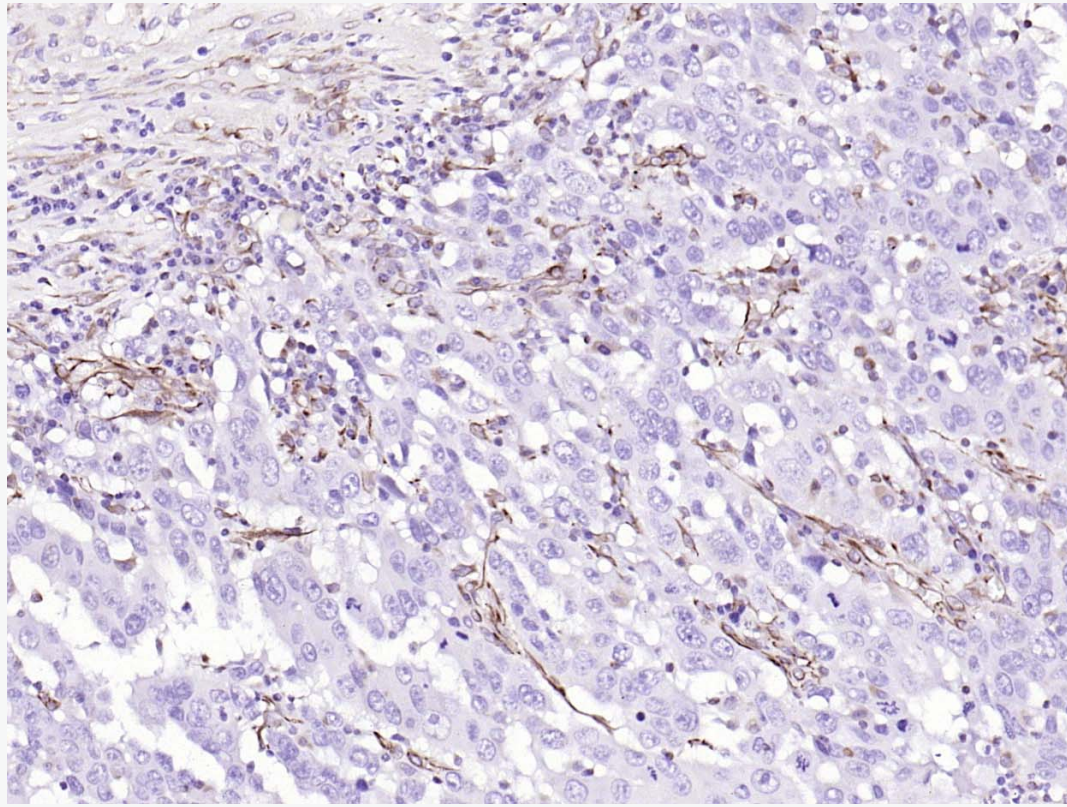
Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); Antigen retrieval by b
citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for
Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin)
Antibody, Unconjugated (SL0756R) at 1:200 overnight at 4°C, followed by operating accordi
Kit(Rabbit) (sp-0023) instructionsand DAB staining.



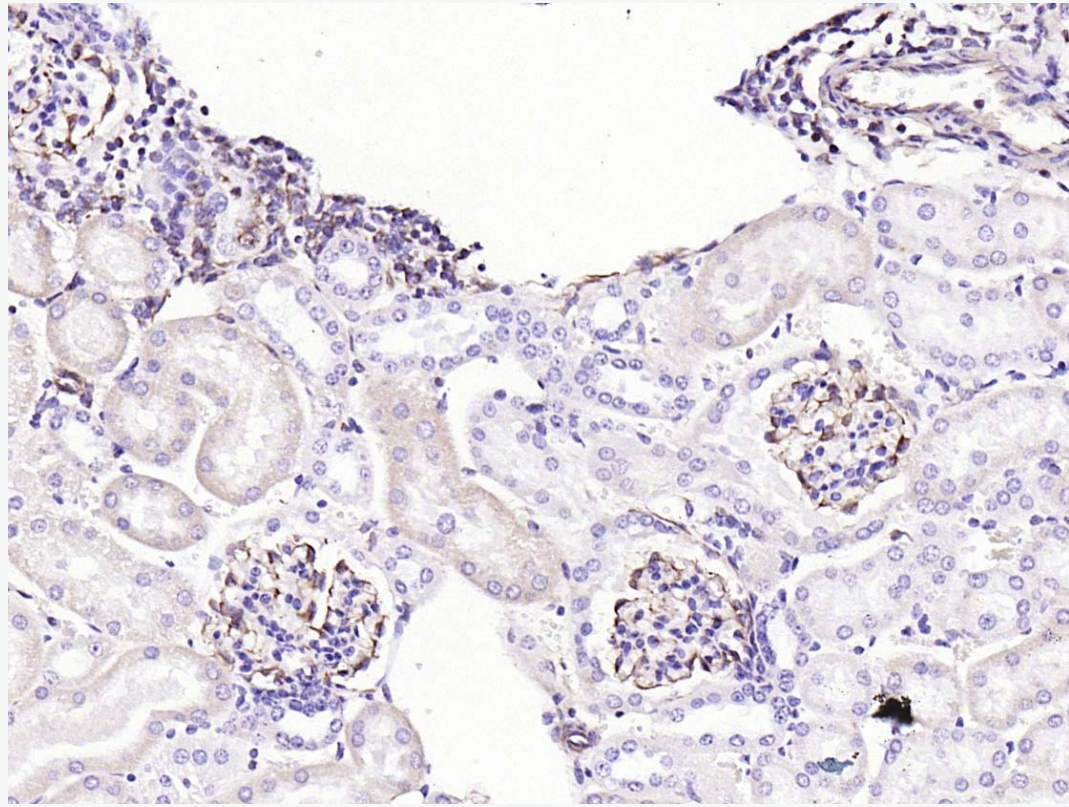
Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Block non-specific binding by citrate buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin) Polyclonal antibody (SL0756R) at 1:200 overnight at 4°C, followed by operating according to SP Kit (sp-0023) instructions and DAB staining.



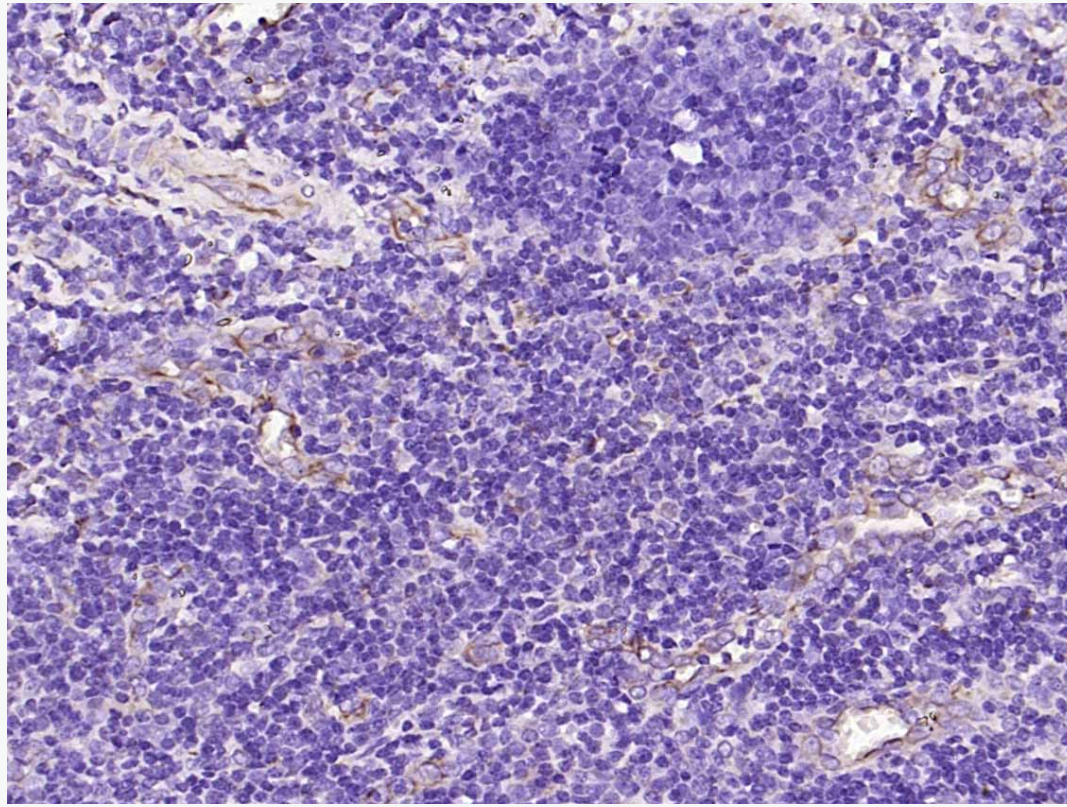
Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by b
citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for
Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin)
Antibody, Unconjugated (SL0756R) at 1:200 overnight at 4°C, followed by operating accordi
Kit(Rabbit) (sp-0023) instructionsand DAB staining.



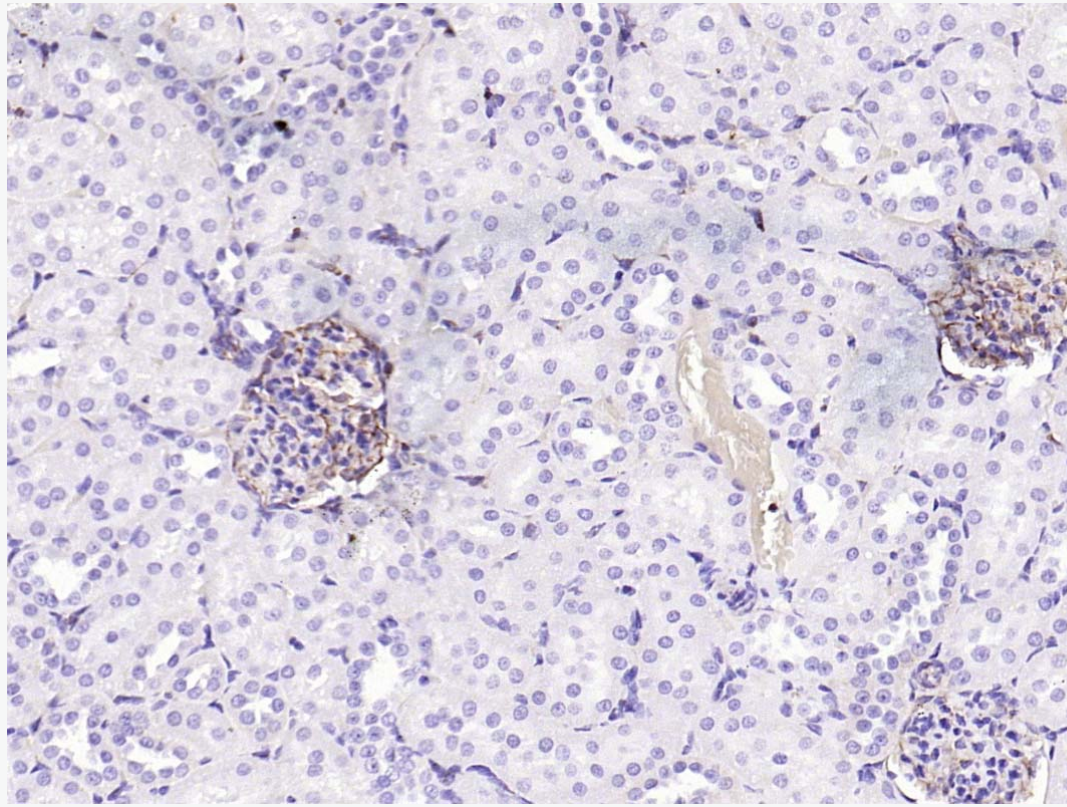
Paraformaldehyde-fixed, paraffin embedded (human lung carcinoma); Antigen retrieval by boiling in citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 30min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin) antibody, Unconjugated (SL0756R) at 1:200 overnight at 4°C, followed by operating according to the DAB staining Kit(Rabbit) (sp-0023) instructions and DAB staining.



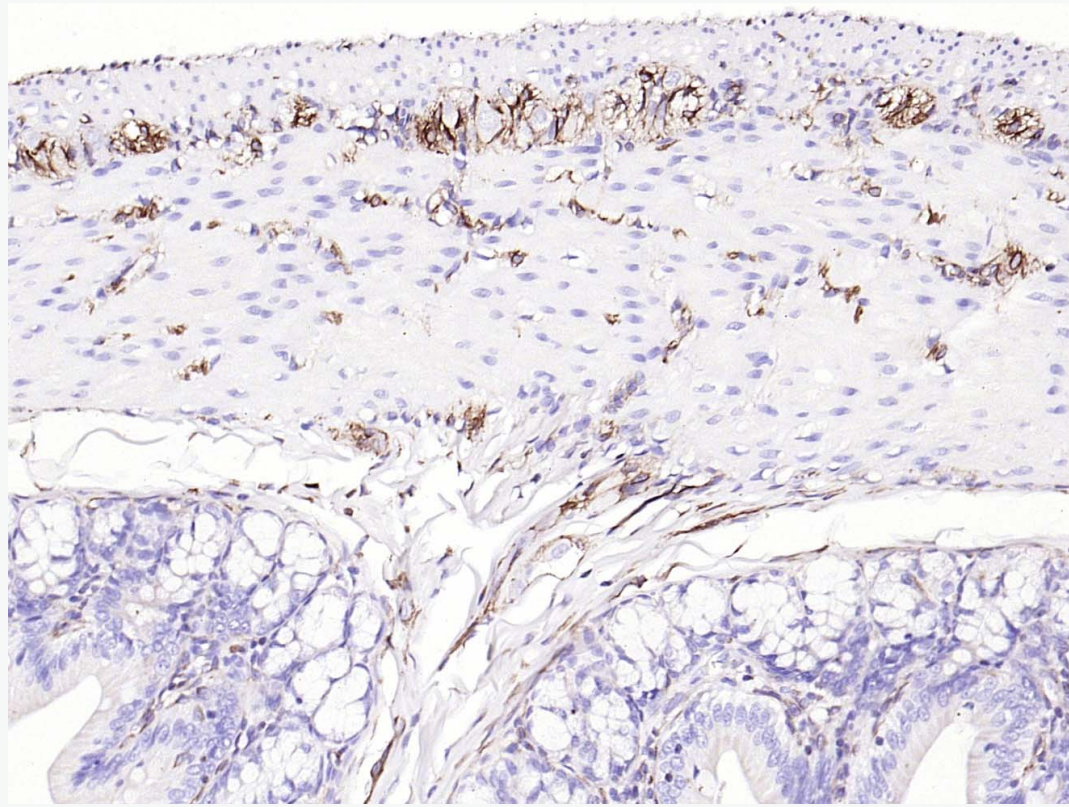
Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in s buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin) Polyclon Unconjugated (SL0756R) at 1:200 overnight at 4°C, followed by operating according to SP K (sp-0023) instructions and DAB staining.



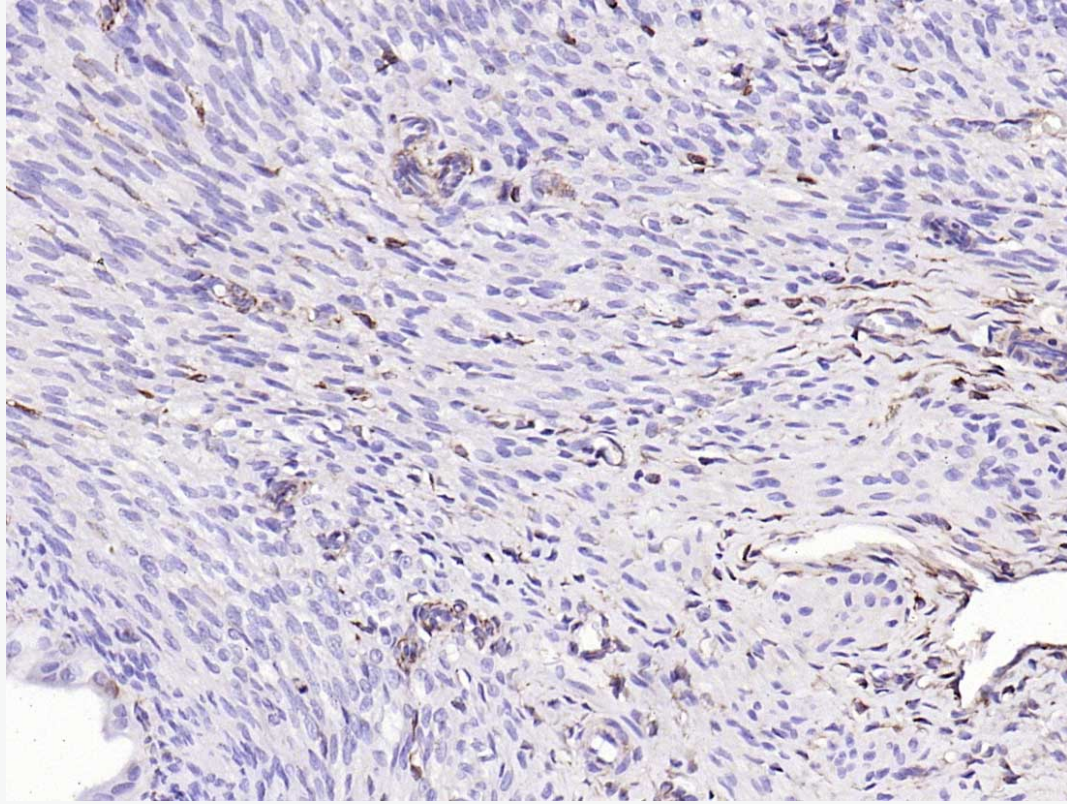
Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in so
buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min
buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin) Polyclon
Unconjugated (SL0756R) at 1:200 overnight at 4°C, followed by operating according to SP K
(sp-0023) instructions and DAB staining.



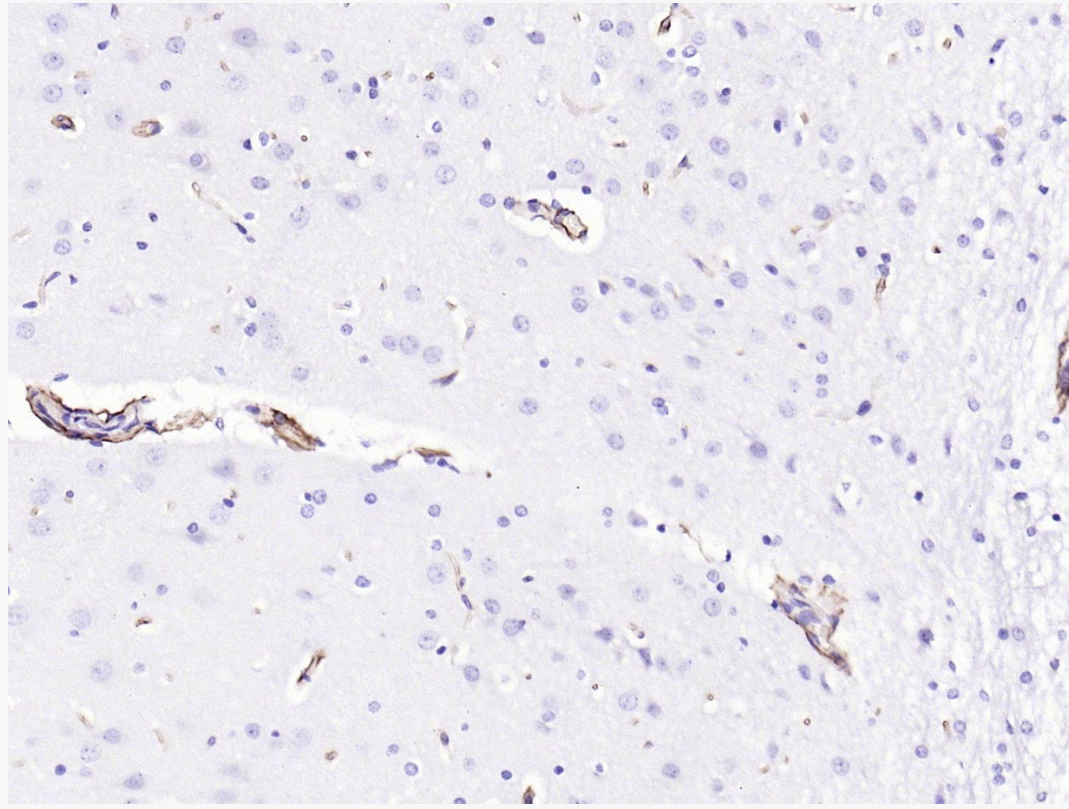
Paraformaldehyde-fixed, paraffin embedded (rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Block non-specific binding by (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin) Polyclonal Antibody (SL0756R) Unconjugated (SL0756R) at 1:200 overnight at 4°C, followed by operating according to SP Kit (sp-0023) instructions and DAB staining.



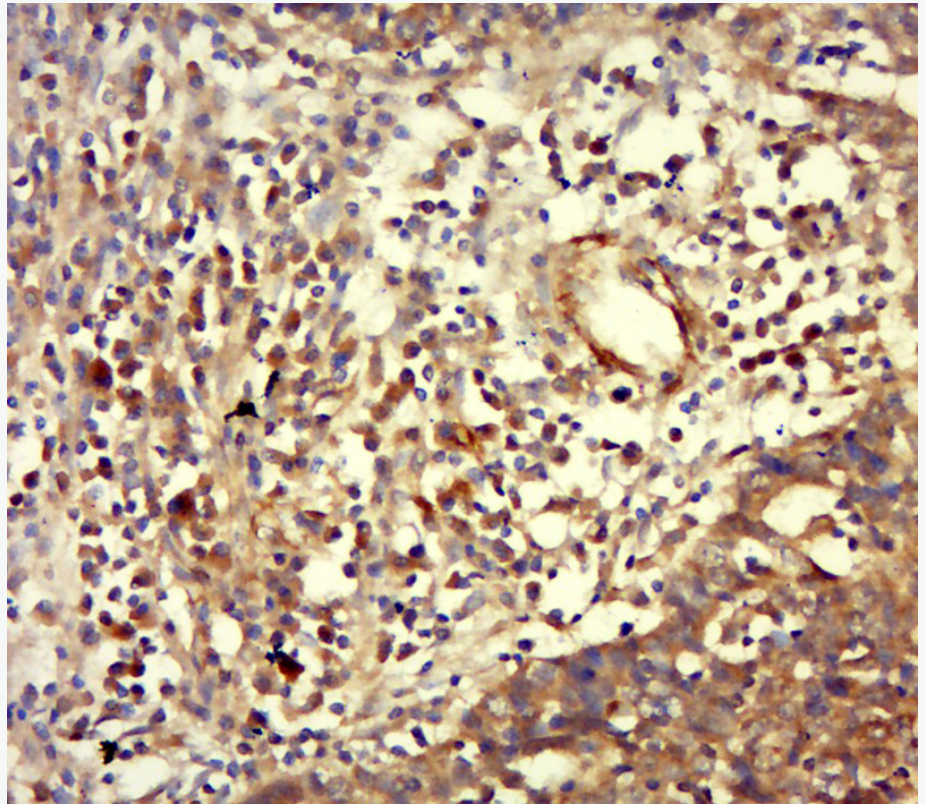
Paraformaldehyde-fixed, paraffin embedded (rat colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Block non-specific binding by (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin) Polyclonal Antibody (SL0756R) Unconjugated (SL0756R) at 1:200 overnight at 4°C, followed by operating according to SP Kit (sp-0023) instructions and DAB staining.



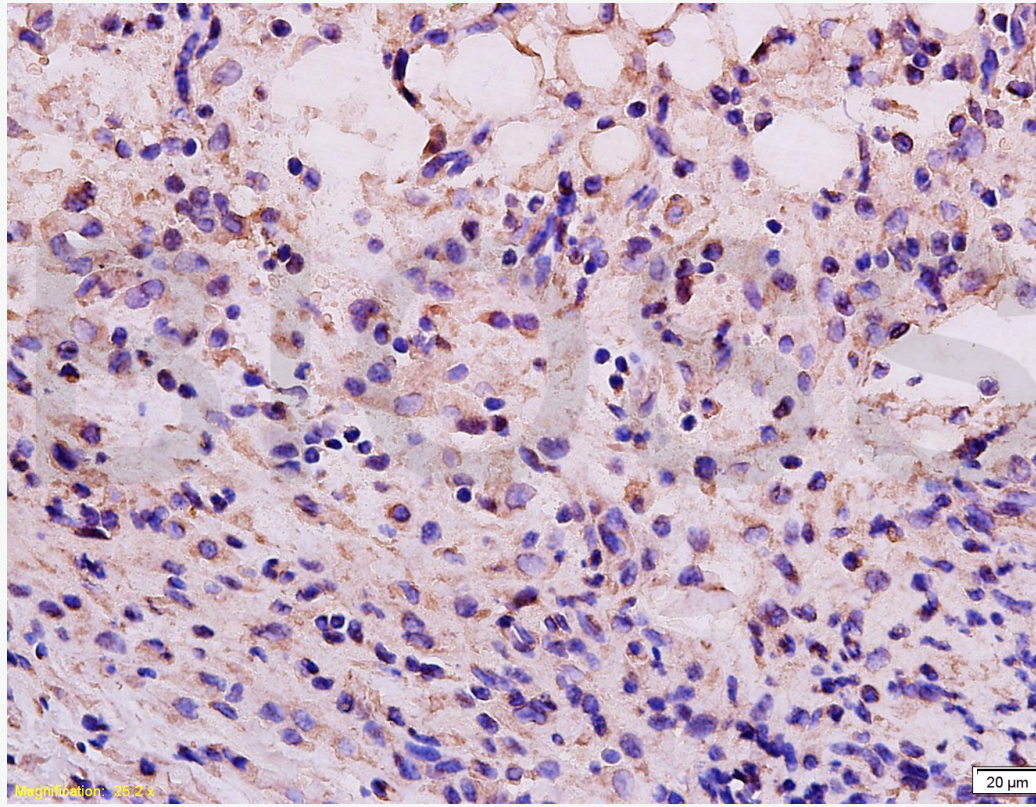
Paraformaldehyde-fixed, paraffin embedded (rat ovary); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Block non-specific binding by 3% normal goat serum at 37°C for 30min; Antibody incubation with (Vimentin) Polyclonal Antibody (SL0756R) at 1:200 overnight at 4°C, followed by operating according to SP Kit (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Block non-specific binding by normal goat serum at 37°C for 30min; Antibody incubation with (Vimentin) Polyclonal Antibody (SL0756R) at 1:200 overnight at 4°C, followed by operating according to SP Kit (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human cervical cancer); Antigen retrieval by boiling in citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 30min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vimentin) antibody, Unconjugated (SL0756R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.



Tissue/cell: mouse kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (Human,Mouse,Rat(predicted:Chicken,Pig,Cow,Goat)1M, pH 6.0) bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Block non-specific binding by normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-Vimentin Polyclonal Antibody, Unconjugated(SL0756R) 1:200, overnight at 4°C
by conjug