SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
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[Primary Antibody]

Recombinant Rabbit Anti-TACSTD2 Monoclonal Antibody

Catalog Number: SLA0567M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	1A8
GeneID:	4070
SWISS:	P09758
Target:	TACSTD2
Immunogen:	Recombinant human TROP2 protein
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS (pH7.4). Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	33 kDa
Subcellular Location:	Membrane
Background:	This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy.[provided by RefSeq, Dec 2009]

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[VALIDATION IMAGES]

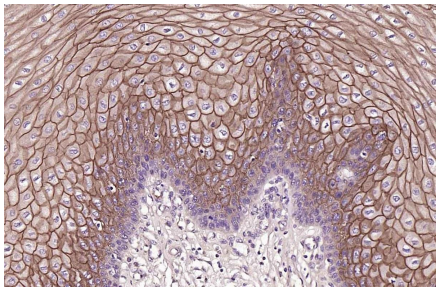


Figure 1. Paraformaldehyde-fixed, paraffin embedded (Human esophagus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TROP2) Monoclonal Antibody, Unconjugated (SLA0567M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.

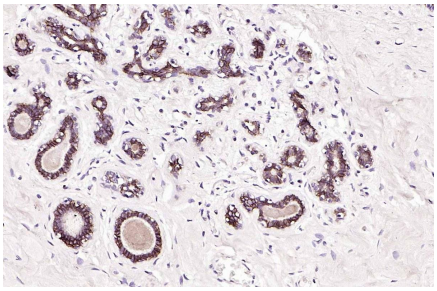


Figure 2. Paraformaldehyde-fixed, paraffin embedded (human breast); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TROP2) Monoclonal Antibody, Unconjugated (SLA0567M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.

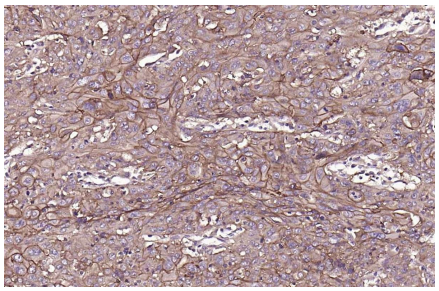


Figure 3. Paraformaldehyde-fixed, paraffin embedded (human cervical carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TROP2) Monoclonal Antibody, Unconjugated (SLA0567M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.

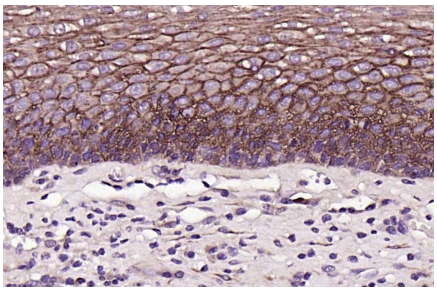


Figure 4. Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TROP2) Monoclonal Antibody, Unconjugated (SLA0567M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.

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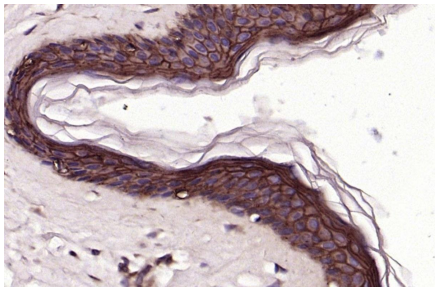


Figure 5. Paraformaldehyde-fixed, paraffin embedded (Human abdominal skin); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TROP2) Monoclonal Antibody, Unconjugated (SLA0567M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.

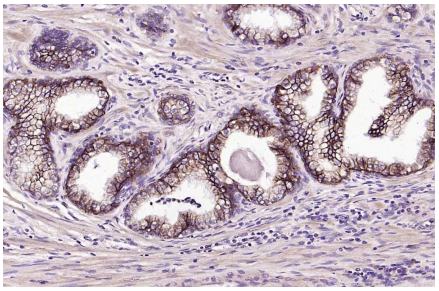


Figure 6. Paraformaldehyde-fixed, paraffin embedded (Human Prostate); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TROP2) Monoclonal Antibody, Unconjugated (SLA0567M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.

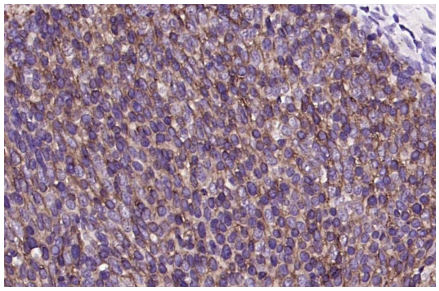


Figure 7. Paraformaldehyde-fixed, paraffin embedded (Human Cervical squamous epithelial lesions); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (TROP2) Monoclonal Antibody, Unconjugated (SLA0567M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.

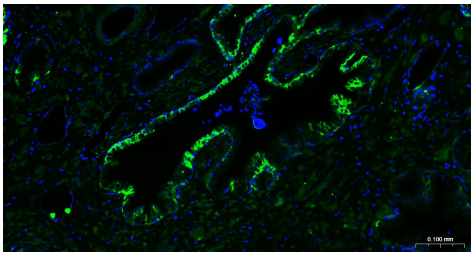


Figure 8. Paraformaldehyde-fixed, paraffin embedded Human Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TROP2 Monoclonal Antibody, Unconjugated (SLA0567M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Mouse IgG antibody (green, SL0296G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.

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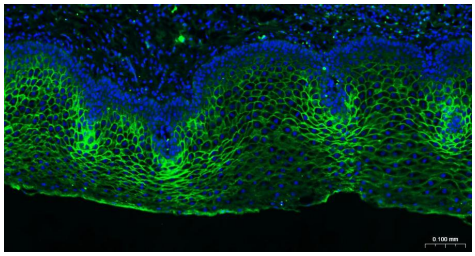


Figure 9. Paraformaldehyde-fixed, paraffin embedded Human Esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TROP2 Monoclonal Antibody, Unconjugated (SLA0567M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Mouse IgG antibody (green, SL0296G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.
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