SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FN1 Polyclonal Antibody

Catalog Number: SLA0260

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
GeneID:	2335
SWISS:	P02751
Target:	FN1
Immunogen:	Recombinant human Fibronectin protein
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. 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) Flow-Cyt (1:50-100) ICC/IF (1:50-200) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	272 kDa
Subcellular Location:	Extracellular
Background:	This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants. However, the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008].

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]

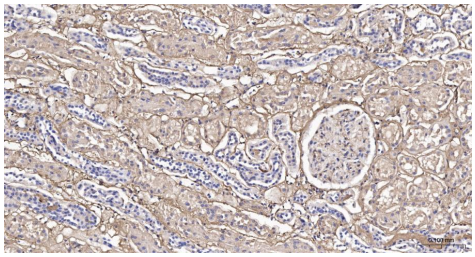


Figure 1. Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Fibronectin Polyclonal Antibody, Unconjugated (SLA0260) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

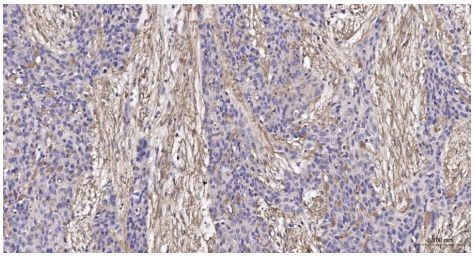


Figure 2. Paraformaldehyde-fixed, paraffin embedded Human Esophageal Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Fibronectin Polyclonal Antibody, Unconjugated (SLA0260) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

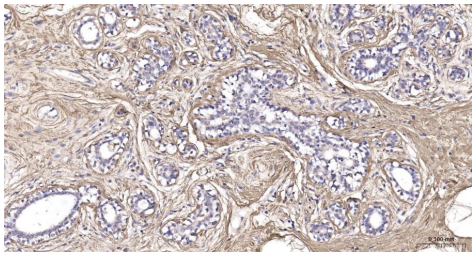


Figure 3. Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Fibronectin Polyclonal Antibody, Unconjugated (SLA0260) at 1:200 overnight at 4°C, followed by conjugation to the SL0295G-HRP and DAB (C-0010) staining

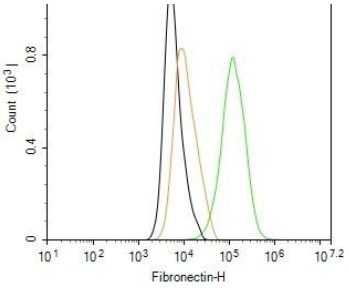


Figure 4. The HepG2 (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C,the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green):Rabbit Anti-Fibronectin antibody (SLA0260,1:100); Isotype Control (orange): Rabbit IgG (SL0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed

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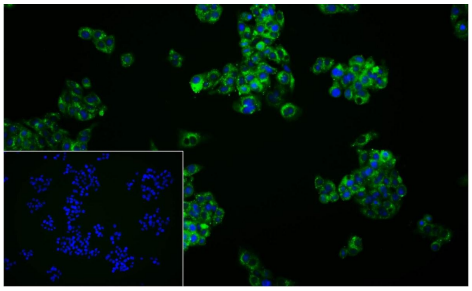


Figure 5. 4% Paraformaldehyde-fixed HepG2 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (Fibronectin) polyclonal Antibody, unconjugated (SLA0260) 1:100, 90 min at 37°C; followed by BF488 conjugated Goat Anti-Rabbit IgG antibody (green, SL60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control
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