

Anti-FN1 antibody (2200-2355) (STJ119095)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

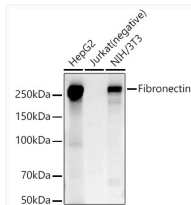
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 272kDa Observed Mw: 272kDa/300kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

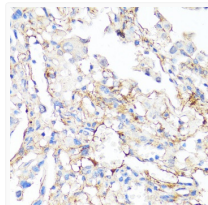
Gene ID	2335
Gene Symbol	FN1
UniProt ID	FINC_HUMAN
Immunogen Region	2200-2355
Immunogen Sequence	EALSQTTISWAPFQDTSEYI ISCHPVGTDDEEPLQFRVPGT STSATLTGLTRGATYNVIVE ALKDQQRHKVREEVVTGNS VNEGLNQPTDDSCFDPYTVS HYAVGDEWERMSESGFKLLC QCLGFGSGHFRCDSSRWCHD NGVNYKIGEKWDRQGNGQM MSCTCLGNGKGFEKCDPHEA TCYDDGKTYHVGEQWQKEYL GAICSCCTCFGGQRGWRCDCN RRPGGEPSPGTTGQSYNQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 2205-2477 of human Fibronectin (NP_997647.2).

ADDITIONAL INFORMATION

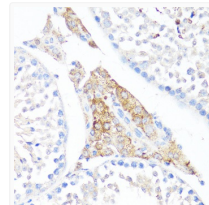
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



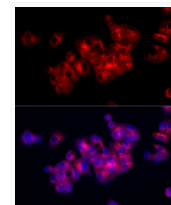
Western blot analysis of various lysates, using Fibronectin antibody (STJ119095) at 1:600 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using Fibronectin antibody (STJ119095) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse testis Leydig using Fibronectin antibody (STJ119095) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of HepG2 cells using Fibronectin rabbit polyclonal antibody (STJ119095) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.