

Anti-S100A10 antibody (1-97) (STJ116864)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

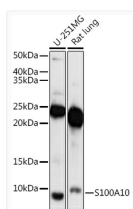
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 11kDa Observed Mw: 11kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

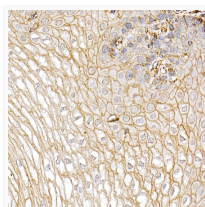
Gene ID	6281
Gene Symbol	S100A10
UniProt ID	S10AA_HUMAN
Immunogen Region	1-97
Immunogen Sequence	MPSQMEHAMETMMFTFHKFA GDKGYLTKEDLRVLMEKEFP GFLENQKDPLAVDKIMKDLD QCRDQKGVGFQSSFSLIAGLT IACNDYFVVHMKQKGGK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-97 of human S100A10 (NP_002957.1).

ADDITIONAL INFORMATION

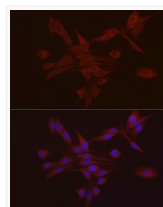
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



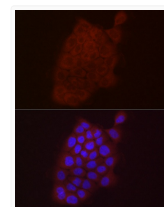
Western blot analysis of extracts of various cell lines, using S100A10 antibody (STJ116864) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



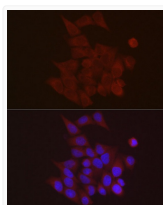
Immunohistochemistry analysis of paraffin-embedded Human esophagus using S100A10 antibody (STJ116864) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



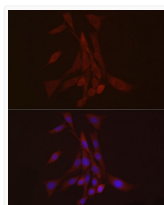
Immunofluorescence analysis of PC-12 using S100A10 antibody (STJ116864) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-431 using S100A10 antibody (STJ116864) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa using S100A10 antibody (STJ116864) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 using S100A10 antibody (STJ116864) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.