

Anti-S100A10 antibody (1-97) (STJ25429)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

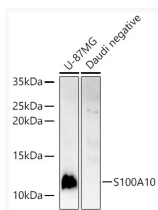
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
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

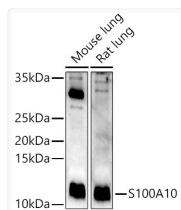
Gene ID	6281
Gene Symbol	S100A10
UniProt ID	S10AA_HUMAN
Immunogen Region	1-97
Immunogen Sequence	MPSQMEHAMETMMFTFHKFA GDKGYLTKEDLRVLMEKEFP GFLENQKDPLAVDKIMKDLD QCRDGKVGFGQSFSLIAGLT IACNDYFVVHMKQKGGK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-97 of human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

ADDITIONAL INFORMATION

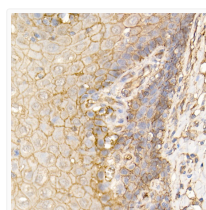
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



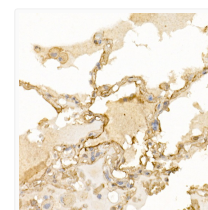
Western blot analysis of extracts of various cell lines, using S100A10 antibody (STJ25429) at 1:400 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



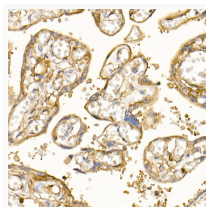
Western blot analysis of extracts of various cell lines, using S100A10 antibody (STJ25429) at 1:400 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



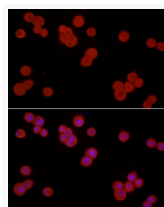
Immunohistochemistry analysis of paraffin-embedded human esophagus using S100A10 rabbit polyclonal antibody (STJ25429) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



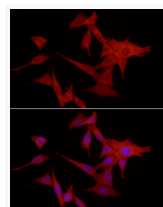
Immunohistochemistry analysis of paraffin-embedded human lung using S100A10 rabbit polyclonal antibody (STJ25429) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human placenta using S100A10 rabbit polyclonal antibody (STJ25429) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of HT-29 cells using S100A10 rabbit polyclonal antibody (STJ25429) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using S100A10 rabbit polyclonal antibody (STJ25429) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.