

Anti-S100A12 antibody (1-92) (STJ27281)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

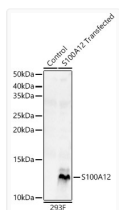
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:100-1:500 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 10kDa 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

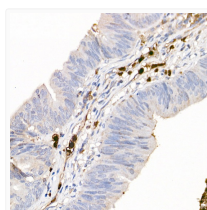
Gene ID	6283
Gene Symbol	S100A12
UniProt ID	S10AC_HUMAN
Immunogen Region	1-92
Immunogen Sequence	MTKLEEHLEGIVNIFHQYSV RKGHFDLSKGELKQLLTKE LANTIKNIKDKAVIDEIFQG LDANQDEQVDFQEFISLVAI ALKAAHYHTHKE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-92 of human S100A12 (NP_005612.1).

ADDITIONAL INFORMATION

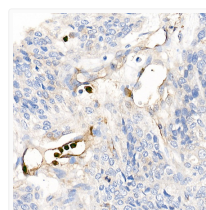
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



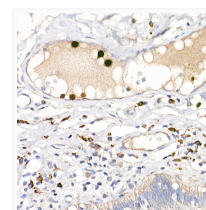
Western blot analysis of 293F, using S100A12 antibody (STJ27281) at 1:900 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



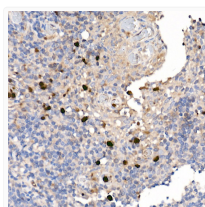
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using S100A12 rabbit polyclonal antibody (STJ27281) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



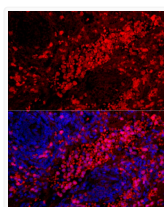
Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using S100A12 rabbit polyclonal antibody (STJ27281) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human esophagus using S100A12 rabbit polyclonal antibody (STJ27281) at dilution of 1:300 (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 tonsil using S100A12 rabbit polyclonal antibody (STJ27281) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol. Immunofluorescence analysis of human spleen cells using S100A12 rabbit polyclonal antibody (STJ27281) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.