

Anti-ELANE antibody (30-267) (STJ114982)
STJ114982

GENERAL INFORMATION

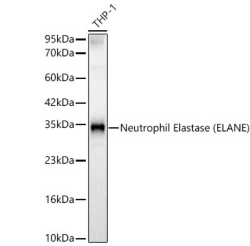
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

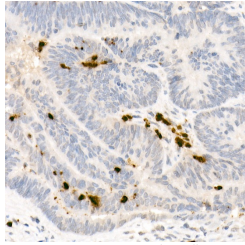
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

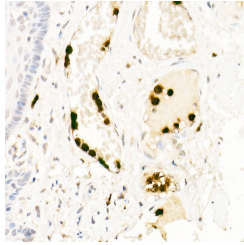
Gene ID	1991
Gene Symbol	ELANE
Uniprot ID	ELNE_HUMAN
Immunogen	
Immunogen Region	30-267
Specificity	A synthetic peptide corresponding to a sequence within amino acids 30-267 of human Neutrophil Elastase (ELANE) (NP_001963.1).
Immunogen Sequence	IVGGRRARPHAWPFMVSLQL RGGHFCGATLIAPNFVMSAA HCVANVNVRAVRVVLGAHNL SRREPTRQVFVAVQRIFENG DPVNLNDIVILQLNGSATI NANVQVAQLPAQGRRLGNGV QCLAMGWLLGRNRGIASVL QELNVTVTSLCRRSNVCTL VRGRQAGVCFGDSGSLVCN GLIHGIASFVRGGCASGLYP DAFAPVAQFVNWIDSIQRS EDNCPHPRDPPASRTH



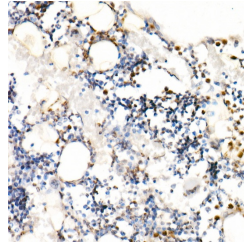
Western blot analysis of THP-1, using Neutrophil Elastase (ELANE) rabbit polyclonal antibody (STJ114982) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJSD00856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using Neutrophil Elastase (ELANE) rabbit polyclonal antibody (STJ114982) 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.



Immunohistochemistry analysis of paraffin-embedded human esophagus using Neutrophil Elastase (ELANE) rabbit polyclonal antibody (STJ114982) 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.



Immunohistochemistry analysis of paraffin-embedded rat bone marrow using Neutrophil Elastase (ELANE) rabbit polyclonal antibody (STJ114982) 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.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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