

Neutrophil Elastase Rabbit mAb
Catalog # AP76955**Specification****Neutrophil Elastase Rabbit mAb - Product Information**

Application	WB, IHC-P, FC, ICC
Primary Accession	P08246
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	28518

Neutrophil Elastase Rabbit mAb - Additional Information**Gene ID** 1991**Other Names**
ELANE**Dilution**
WB~~1:1000
IHC-P~~N/A
FC~~1:10~50
ICC~~N/A**Format**
Liquid**Neutrophil Elastase Rabbit mAb - Protein Information****Name** ELANE**Synonyms** ELA2**Function**

Serine protease that modifies the functions of natural killer cells, monocytes and granulocytes. Inhibits C5a-dependent neutrophil enzyme release and chemotaxis (PubMed:15140022). Promotes cleavage of GSDMB, thereby inhibiting pyroptosis (PubMed:36899106). Promotes blood coagulation (PubMed:20676107). Through the activation of the platelet fibrinogen receptor integrin alpha-IIb/beta-3, potentiates platelet aggregation induced by a threshold concentration of cathepsin G (CTSG) (PubMed:25211214, PubMed:9111081). Cleaves and thus inactivates tissue factor pathway inhibitor (TFPI) (PubMed:20676107, PubMed:25211214).

target="_blank">25211214). Capable of killing E.coli but not S.aureus in vitro; digests outer membrane protein A (ompA) in E.coli and K.pneumoniae (PubMed:10947984).

Cellular Location

Cytoplasmic vesicle, phagosome. Note=Localized in phagolysosomes following ingestion of E.coli by neutrophils

Tissue Location

Bone marrow cells. Neutrophil (PubMed:10947984).

Neutrophil Elastase Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Neutrophil Elastase Rabbit mAb - Images