Mouse Elastase (Neutrophil) Monoclonal Antibody

Neutrophil Elastase Monoclonal Antibody

CATALOG #	HOST	APPLICATIONS
AAA47706	**Mouse**	**ELISA**

PRODUCT SYNONYMS

Elastase (Neutrophil); Monoclonal Antibody; Neutrophil Elastase Monoclonal Antibody; Anti-Elastase (Neutrophil); Elastase; anti-Elastase (Neutrophil) antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Clone Number	ELA11-207.3
Specificity	These antibodies recognize human neutrophil elastase and vary in their ability to inhibit neutrophil elastase activity as determined in an assay of elastase-mediated hydrolysis of elastin-Congo Red substrate: 4.1% Elastase Inhibition
Purity/Purification	PEG-purified
Form/Format	Clear Liquid; PBS, pH 7.4.
Concentration	1.3mg/ml (varies by lot)
Applicable Applications for anti-Elastase (Neutrophil) antibody	ELISA
Antigen	Purified human neutrophil elastase.
Preservatives	None. Available on request.
Dilutions Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Preparation and Storage	These antibodies are stable for at least one (1) year at -20 degree C to -70 degree C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-Elastase (Neutrophil) antibody	Neutrophil elastase is a major neutral protease present in human neutrophils and is released by neutrophils following stimulation with a variety of stimuli. It is believed to be a major mediator of the lung destruction seen in emphysema. In addition to elastin, neutrophil elastase can cleave other biologically active proteins such as fibrinogen and antithrombin and is released by neutrophils during clot formation.
Product Categories/Family for anti-Elastase (Neutrophil) antibody	Enzyme and Enzyme Inhibitor Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	845581
NCBI Official Full Name	elastase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.