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## anti-Elastase 3B antibody (AA 82-238)



### Image



#### Overview

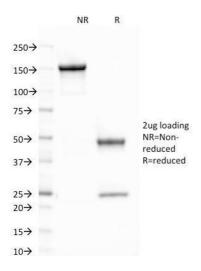
Quantity:	100 μg
Target:	Elastase 3B (ELA3B)
Binding Specificity:	AA 82-238
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Elastase 3B antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Coating (Coat)

#### **Product Details**

Immunogen:	Recombinant human CELA3B protein fragment (aa82-238) (exact sequence is proprietary)
Clone:	CELA3B-1758
Isotype:	IgG
Specificity:	This MAb recognizes a protein of ~30 kDa, identified as CELA3B (Chymotrypsin like elastase
	family member 3B). Elastases form a subfamily of serine proteases that hydrolyze many
	proteins in addition to elastin. Humans have six elastase genes which encode the structurally
	similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Unlike other elastases, elastase 3B has little
	elastolytic activity. Like most of the human elastases, elastase 3B is secreted from the
	pancreas as a zymogen and, like other serine proteases such as trypsin, chymotrypsin and
	kallikrein, it has a digestive function in the intestine. Elastase 3B preferentially cleaves proteins
	after alanine residues. Elastase 3B may also function in the intestinal transport and metabolism

#### **Product Details**

	of cholesterol. Both elastase 3A and elastase 3B have been referred to as protease E and as
	elastase 1, and excretion of this protein in fecal material is frequently used as a measure of
	pancreatic function.
Purification:	Purified by Protein A/G
Target Details	
Target:	Elastase 3B (ELA3B)
Alternative Name:	CELA3B (ELA3B Products)
Molecular Weight:	~17kDa
Gene ID:	23436
UniProt:	P08861
Application Details	
Application Notes:	Positive Control: Panc-28 or PANC1 cells. Pancreas.
	Known Application: ELISA (Use Ab at 2-4 µg/mL for coating) (Order Ab without BSA)Western
	Blot (0.5-1 $\mu$ g/mL)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only
Handling	
Concentration:	200 μg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody
	is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



#### **SDS-PAGE**

**Image 1.** SDS-PAGE Analysis Purified CELA3B Mouse Monoclonal Antibody (CELA3B/1758). Confirmation of Purity and Integrity of Antibody.