

CELA3B / ELA3B (Pancreatic Function Marker) Antibody

Antibody [Clone 157 Amino Acid Residues]

Catalog No	Format	Size
23436-RP1		

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	157 Amino Acid Residues
Gene Name	
Immunogen	Recombinant human CELA3B fragment of 157 amino acid residues (aa82-238).
Mol. Weight of Antigen	17kDa
Species Reactivity	Human
Positive Control	Pancreas

**Optimal dilution for a specific application should be determined.*

Product Images for CELA3B / ELA3B (Pancreatic Function Marker) Antibody

Specificity & Comments

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 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 in clinical assays.

Supplied As

100ug/ml of purified recombinant protein. Prepared in 10mM PBS with 0.05% azide.

Storage and Stability

Recombinant Protein with azide: store at -20 to -80 °C. Recombinant Protein is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cardiovascular

Limitations and Warranty

This recombinant protein is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.