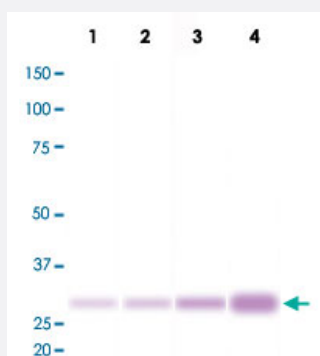


PRSS1 monoclonal antibody, clone A16-N

Catalog # MAB15901 Size 5 x 100 uL, 10 x 100 uL, 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human pancreas (Lane 1: 20 ng, Lane 2: 40 ng, Lane 3: 100 ng and Lane 4: 200 ng) with PRSS1 monoclonal antibody, clone A16-N (Cat # MAB15901).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human PRSS1.
Immunogen	A synthetic peptide corresponding to amino acids 92-106 at N-terminus of human PRSS1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	EVAC purification
Isotype	IgG
Recommend Usage	ELISA (1:20000-1:50000) Western Blot (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (10 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot analysis of human pancreas (Lane 1: 20 ng, Lane 2: 40 ng, Lane 3: 100 ng and Lane 4: 200 ng) with PRSS1 monoclonal antibody, clone A16-N (Cat # MAB15901).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PRSS1

Entrez GeneID [5644](#)

Protein Accession# [P07477](#)

Gene Name PRSS1

Gene Alias MGC120175, MGC149362, TRP1, TRY1, TRY4, TRYP1

Gene Description protease, serine, 1 (trypsin 1)

Omim ID [167800 276000](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is active on peptide linkages involving the carboxyl group of lysine or arginine. Mutations in this gene are associated with hereditary pancreatitis. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7. [provided by RefSeq]

Other Designations cationic trypsinogen|digestive zymogen|nonfunctional trypsin 1|protease, serine, 1|serine protease 1|trypsin II|trypsinogen 1|trypsinogen A

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Calcinosis](#)
- [Chronic Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Exocrine Pancreatic Insufficiency](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hyperparathyroidism](#)
- [Infant](#)
- [Pancreatic cancer](#)
- [Pancreatic Diseases](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Recurrence](#)
- [Syndrome](#)