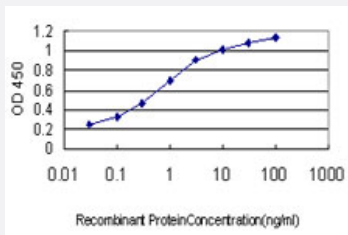


PRSS7 monoclonal antibody (M01), clone 3F8

Catalog # H00005651-M01

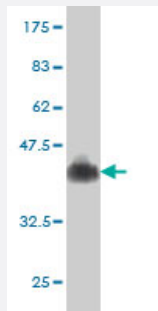
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRSS7 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PRSS7.
Immunogen	PRSS7 (NP_002763, 361 a.a. ~ 470 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NDDNEWERIQQSTFSPFTGPNFDHTFGNASGFYISTPTGPGGRQERVGLLSPLDPTLEPACLSF WYHMYGENVHKLSINISNDQNMEKTVFQKEGNYGDNWNYGQVTLN
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (67); Rat (61)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRSS7 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PRSS7

Entrez GeneID	5651
GeneBank Accession#	NM_002772
Protein Accession#	NP_002763
Gene Name	PRSS7
Gene Alias	ENTK, MGC133046
Gene Description	protease, serine, 7 (enterokinase)
Omim ID	226200 606635
Gene Ontology	Hyperlink

Gene Summary

This gene encodes an enzyme that converts the pancreatic proenzyme trypsinogen to trypsin, which activates other proenzymes including chymotrypsinogen and procarboxypeptidases. The precursor protein is cleaved into two chains that form a heterodimer linked by a disulfide bond. This protein is a member of the trypsin family of peptidases. Mutations in this gene cause enterokinase deficiency, a malabsorption disorder characterized by diarrhea and failure to thrive. [provided by RefSeq]

Other Designations

enterokinase|enteropeptidase|proenterokinase, enteropeptidase, serine protease|serine protease

Disease

- [Tobacco Use Disorder](#)