

PRSS2 mouse monoclonal antibody (hybridoma)

Catalog # H00005645-M Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PRSS2.
Immunogen	PRSS2 (NP_002761.1, 1 a.a. ~ 247 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNLLLLLITFVAAAVAAPFDDDDKIVGGYICEENSVPYQVSLNSGYHFCGGSLISEQWVVSAGHCYK SRIQVRLGEHNIEVLEGNQFINAAKIIIRHPKYNSRTLNDILLIKLSSPAVINSRVSAISLPTAPPAAG TESLISGWGNTLSSGADYPDELQCLDAPVLSQAECEASYPGKITNMFCVGFLEGGKDSCQGDS GGPVVSNLQGVSWGYGCAQKNRPGVYTKVYNYVDWIKDTIAANS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (76)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Western Blot (Recombinant protein)
[Protocol Download](#)
- ELISA

Gene Info — PRSS2

Entrez GeneID	5645
GeneBank Accession#	NM_002770.2
Protein Accession#	NP_002761.1
Gene Name	PRSS2
Gene Alias	MGC111183, MGC120174, TRY2, TRY8, TRYP2
Gene Description	protease, serine, 2 (trypsin 2)
Omim ID	601564
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. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7. [provided by RefSeq]
Other Designations	anionic trypsinogen protease serine 2 preproprotein protease, serine, 2 protease, serine, 2, preproprotein trypsin 2 trypsin II trypsinogen 2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)