

PGPEP1 mouse monoclonal antibody (hybridoma)

Catalog # H00054858-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PGPEP1.
Immunogen	PGPEP1 (NP_060182.1, 1 a.a. ~ 209 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEQPRKAVVVTGFGPFGHEHTVNASWIAVQELEKLGGLGDSVDLHVYEIPVEYQTVQRLIPALWEKH SPQLVVHVGVSVMATTVTLEKCGHNKGYKGLDNCRFPCGSQCCVEDGPESIDSIIDMDAVCKRV TTLGLDVSVTISQDAGRYLCDFTYYTSLYQSHGRSAFVHVPPLGKPYNADQLGRALRAIEEMLDLL EQSEGKINYCHKH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (94)
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 — PGPEP1

Entrez GeneID	54858
GeneBank Accession#	NM_017712.2
Protein Accession#	NP_060182.1
Gene Name	PGPEP1
Gene Alias	FLJ20208, MGC10812, PGP, PGP-I, PGPI, Pcp
Gene Description	pyroglutamyl-peptidase I
Omim ID	610694
Gene Ontology	Hyperlink
Gene Summary	Pyroglutamyl peptidase I (EC 3.4.19.3) catalyzes the hydrolysis of N-terminal pyroglutamyl residue s from oligopeptides and proteins.[supplied by OMIM]
Other Designations	5-oxoprolyl-peptidase pyrrolidone-carboxylate peptidase

Disease

- [Tobacco Use Disorder](#)