

CPVL Recombinant Rabbit mAb

Catalog # AP100093

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9H3G5
Other Accession	Q9H3G5
Host	Rabbit
Clonality	Recombinant
Calculated MW	54164
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the peptidase S10 family.
Background Descriptions	The protein encoded by this gene is a carboxypeptidase and bears strong sequence similarity to serine carboxypeptidases. Carboxypeptidases are a large class of proteases that act to cleave a single amino acid from the carboxy termini of proteins or peptides. The exact function of this protein, however, has not been determined. [provided by RefSeq, Jan 2017]

Additional Information

Gene ID	54504
Other Names	HVLP; CPVL_HUMAN; CPVL; Carboxypeptidase, vitellogenic-like; Vitellogenic carboxypeptidase-like protein (VCP-like protein hvLP); 3.4.16.-; VLP; carboxypeptidase vitellogenic like; carboxypeptidase WUG; vitellogenic carboxypeptidase-like protein; CP-Mac carboxypeptidase; Probable serine carboxypeptidase CPVL; VCP-like protein; PSEC0124; UNQ197/PRO223
Dilution	WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,IF=1:50-200
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CPVL
Synonyms	VLP
Function	May be involved in the digestion of phagocytosed particles in the lysosome, participation in an inflammatory protease cascade, and trimming of peptides for antigen presentation.

Tissue Location

Expressed in macrophages but not in other leukocytes. Abundantly expressed in heart and kidney. Also expressed in spleen, leukocytes, and placenta

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.