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# CPVL Recombinant Rabbit mAb

Catalog # AP100093

## Product Information

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| **Application** | WB, IHC-P, IHC-F, IF |
| **Primary Accession** | Q9H3G5 |
| **Other Accession** | Q9H3G5 |
| **Reactivity** | Human |
| **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

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| **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

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| **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 |

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| | 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'.