

CPVL Antibody (clone 2G5-1C1)
Mouse Monoclonal Antibody
Catalog # ALS13490**Specification**

CPVL Antibody (clone 2G5-1C1) - Product Information

Application	WB, IHC-P, IF, E
Primary Accession	Q9H3G5
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	54kDa kDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A

CPVL Antibody (clone 2G5-1C1) - Additional Information**Gene ID** 54504**Other Names**

Probable serine carboxypeptidase CPVL, 3.4.16.-, Carboxypeptidase, vitellogenic-like, Vitellogenic carboxypeptidase-like protein, VCP-like protein, hVLP, CPVL, VLP

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

CPVL Antibody (clone 2G5-1C1) is for research use only and not for use in diagnostic or therapeutic procedures.

CPVL Antibody (clone 2G5-1C1) - 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

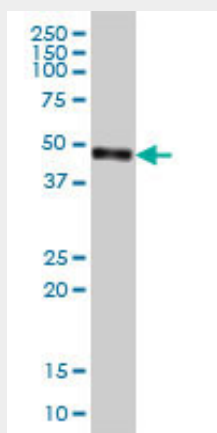
Expressed in macrophages but not in other leukocytes. Abundantly expressed in heart and kidney. Also expressed in spleen, leukocytes, and placenta

CPVL Antibody (clone 2G5-1C1) - Protocols

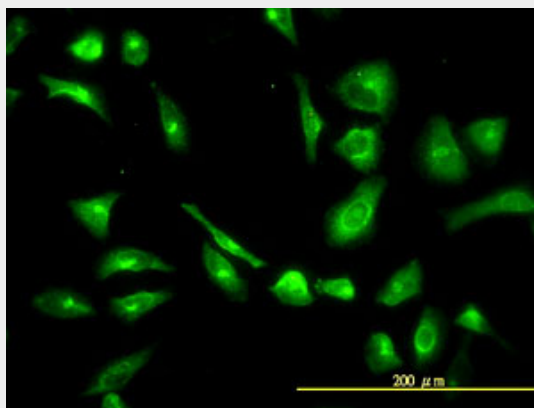
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

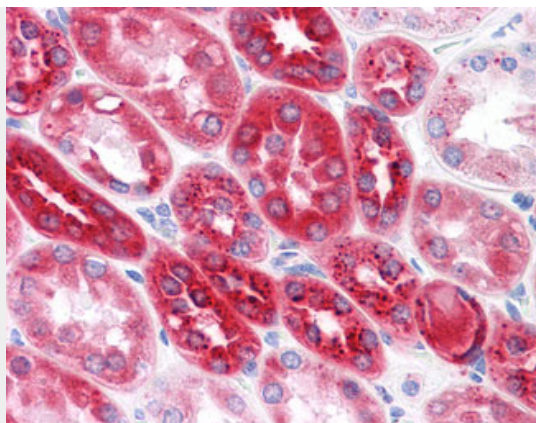
CPVL Antibody (clone 2G5-1C1) - Images



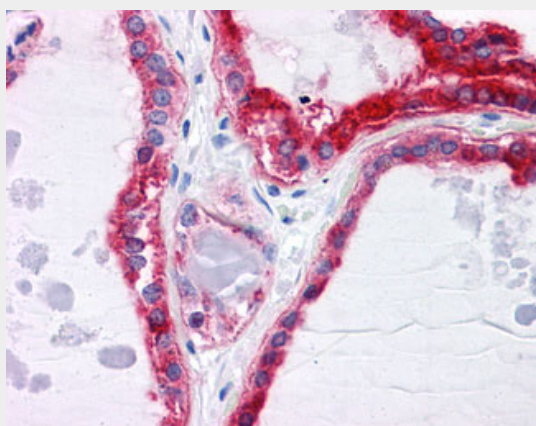
CPVL monoclonal antibody, clone 2G5-1C1 Western blot of CPVL expression in Jurkat.



Immunofluorescence of monoclonal antibody to CPVL on HeLa cell (antibody concentration 10 ug/ml).



Anti-CPVL antibody IHC of human kidney.



Anti-CPVL antibody IHC of human thyroid.

CPVL Antibody (clone 2G5-1C1) - Background

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.

CPVL Antibody (clone 2G5-1C1) - References

- Mahoney J.A.,et al.Genomics 72:243-251(2001).
Cho J.-J.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Otsuki T.,et al.DNA Res. 12:117-126(2005).
Scherer S.W.,et al.Science 300:767-772(2003).