

Cathepsin V Antibody (Clone BV55-1)
Mouse Monoclonal Antibody
Catalog # ABV10299**Specification**

Cathepsin V Antibody (Clone BV55-1) - Product Information

Application	WB, IHC
Primary Accession	O60911.2
Other Accession	BAA25909
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1

Cathepsin V Antibody (Clone BV55-1) - Additional Information

Application & Usage	Western blotting (1-4 µg/ml) and Immunohistochemistry (20-30 µg/ml, paraffin section after microwave treatment). However, the optimal concentrations should be determined individually. The anti-Cathepsin V antibody recognizes human cathepsin V and procathepsin V. It does not cross-react with other cathepsins.
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Other Names

CATL2 , CATL 2 , CTSL2 , CTSU , CTSV , MGC125957

Target/Specificity

Cathepsin V

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (1 mg/ml) Protein G purified mouse monoclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

Cathepsin V Antibody (Clone BV55-1) is for research use only and not for use in diagnostic or therapeutic procedures.

Cathepsin V Antibody (Clone BV55-1) - Protein Information**Cathepsin V Antibody (Clone BV55-1) - 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](#)

Cathepsin V Antibody (Clone BV55-1) - Images**Cathepsin V Antibody (Clone BV55-1) - Background**

The cathepsin family of proteolytic enzymes contains several diverse classes of proteases. The cysteine protease class comprises cathepsins B, L, H, K, S, and O. The aspartyl protease class is composed of cathepsins D and E. Cathepsin G is in the serine protease class. Most cathepsins are lysosomal and each is involved in various cellular events such as peptide biosynthesis and protein degradation.