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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.**

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 Cytomety
- 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.