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Cathepsin W Antibody (Clone BV39-2B)

Mouse Monoclonal Antibody
Catalog # ABV10300

Specification

Cathepsin W Antibody (Clone BV39-2B) - Product Information

Application	**WB, IHC**
Primary Accession	P56202.2
Other Accession	AAC32181
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse IgG2b**

Cathepsin W Antibody (Clone BV39-2B) - Additional Information

Application & Usage	**Western blotting (1-4 µg/ml) and Immunohistochemistry (20-30 µg/ml, tested on frozen section). However, the optimal concentrations should be determined individually. The anti-Cathepsin W antibody recognizes mature cathepsin W and procathepsin W of human origin. It does not cross-react with other cathepsins.**

Other Names
CTSW , lymphopain , LYPN , MGC112764

Target/Specificity
Cathepsin W

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 W Antibody (Clone BV39-2B) is for research use only and not for use in diagnostic or therapeutic procedures.

Cathepsin W Antibody (Clone BV39-2B) - Protein Information

Cathepsin W Antibody (Clone BV39-2B) - 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 W Antibody (Clone BV39-2B) - Images

Cathepsin W Antibody (Clone BV39-2B) - 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.