

Cystatin B Antibody (Clone RJMW2E7)
Mouse Monoclonal Antibody
Catalog # ABV10356**Specification**

Cystatin B Antibody (Clone RJMW2E7) - Product Information

Application	WB, IHC
Primary Accession	P04080
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	11140

Cystatin B Antibody (Clone RJMW2E7) - Additional Information**Gene ID** 1476

Application & Usage	Western blotting (0.5-4 µg/ml) and Immunohistochemistry (10-20 µg/ml). However, the optimal conditions should be determined individually. Recognizes human cystatin B. Does not cross-react with cystatin A.
---------------------	--

Other Names

Cystatin-B, CPI-B, Liver thiol proteinase inhibitor, Stefin-B, CSTB, CST6, STFB

Target/Specificity

Cystatin B

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg Protein G purified mouse anti-Cystatin B monoclonal antibody (mouse IgG1) in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

Cystatin B Antibody (Clone RJMW2E7) is for research use only and not for use in diagnostic or therapeutic procedures.

Cystatin B Antibody (Clone RJMW2E7) - Protein Information

Name CSTB

Synonyms CST6, STFB

Function

This is an intracellular thiol proteinase inhibitor. Tightly binding reversible inhibitor of cathepsins L, H and B.

Cellular Location

Cytoplasm. Nucleus

Cystatin B Antibody (Clone RJMW2E7) - 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](#)

Cystatin B Antibody (Clone RJMW2E7) - Images**Cystatin B Antibody (Clone RJMW2E7) - Background**

Cystatin B (stefin B, NCPI) is a natural inhibitor of lysosomal cysteine proteases (cathepsins). Its expression seems to be connected to the regulation of proteolysis which is essential for many physiological and pathological processes.