

LMP2 Antibody FITC Conjugated

Catalog No: #C04320F

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Description

| | |
|-----------------------|--|
| Product Name | LMP2 Antibody FITC Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | IF |
| Species Reactivity | HuB MsB RtB B |
| Immunogen Description | KLH conjugated synthetic peptide aa 179-219 219 derived from human Proteasome 20S LMP2 |
| Conjugates | FITC |
| Target Name | LMP2 |
| Other Names | LMP2; PSMB6i; RING12; beta1i; Proteasome subunit beta type-9; Low molecular mass protein 2; Macropain chain 7; Multicatalytic endopeptidase complex chain 7; Proteasome chain 7; Proteasome subunit beta-1i; Really interesting new gene 12 protein; PSMB9 |
| Accession No. | Swiss-Prot#P28065NCBI Gene ID5698 |
| Uniprot | P28065 |
| GeneID | 5698; |
| Excitation Emission | 494nm 518nm |
| Cell Localization | Cytoplasm, Nucleus |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

Application Details

IF=1:50-200B

Background

The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to generate class I binding peptides. Replacement of PSMB6 by PSMB9 increases the capacity of the immunoproteasome to cleave model peptides after hydrophobic and basic residues.

Note: This product is for in vitro research use only