

PSMB10 Antibody (Internal) Goat Polyclonal Antibody Catalog # ALS16084

#### **Specification**

### **PSMB10** Antibody (Internal) - Product Information

Application Primary Accession Reactivity Host Clonality Calculated MW Dilution WB, IHC-P, E <u>P40306</u> Human Goat Polyclonal 29kDa KDa WB~~1:1000 IHC-P~~N/A E~~N/A

#### **PSMB10** Antibody (Internal) - Additional Information

Gene ID 5699

**Other Names** 

Proteasome subunit beta type-10, 3.4.25.1, Low molecular mass protein 10, Macropain subunit MECI-1, Multicatalytic endopeptidase complex subunit MECI-1, Proteasome MECI-1, Proteasome subunit beta-2i, PSMB10, LMP10, MECL1

Target/Specificity Human PSMB10.

**Reconstitution & Storage** Store at -20°C. Minimize freezing and thawing.

**Precautions** PSMB10 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

# **PSMB10** Antibody (Internal) - Protein Information

Name PSMB10

Synonyms LMP10, MECL1

Function

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.

**Cellular Location** 



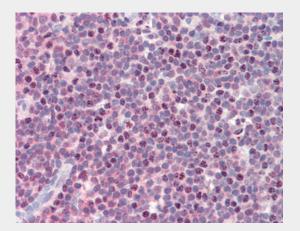
Cytoplasm {ECO:0000255|PROSITE-ProRule:PRU00809}. Nucleus

# **PSMB10** Antibody (Internal) - Protocols

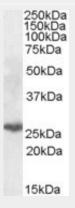
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

#### **PSMB10** Antibody (Internal) - Images



Anti-PSMB10 antibody IHC staining of human tonsil.



PSMB10 antibody (0.3 ug/ml) staining of Human Lung lysate (35 ug protein/ml in RIPA buffer). PSMB10 Antibody (Internal) - Background

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# **PSMB10** Antibody (Internal) - References



Larsen F.,et al.Hum. Mol. Genet. 2:1589-1595(1993). Foss G.S.,et al.Biochim. Biophys. Acta 1402:17-28(1998). Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.