PSB9 / LMP2 Rabbit Monoclonal Antibody



CAB9549

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

21KDa

Calculated MW:

21kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50

- 1:200

Source: Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. This gene is located in the class II region of the MHC (major histocompatibility complex). Expression of this gene is induced by gamma interferon and this gene product replaces catalytic subunit 1 (proteasome beta 6 subunit) in the immunoproteasome. Proteolytic processing is required to generate a mature subunit. [provided by RefSeq, Mar 2010]

Immunogen information

Gene ID:

5698

Uniprot

P28065

Synonyms:

LMP2; PSMB6i; RING12; beta1i

Immunogen:

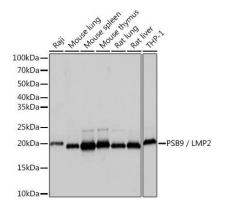
A synthesized peptide derived from human PSB9 / LMP2

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Product Images



Western blot - PSB9 / LMP2 Rabbit mAb (CAB9549)