PSMB9/LMP2 Rabbit Polyclonal Antibody

CAB1771

Product Information

Product SKU:	CAB1771	**Gene ID**:	5698	**Size**:	20uL, 100uL
Clone No:	-	**Host Species:**	Rabbit	**Reactivity**:	Human

Additional Information

Observed MW:	23kDa	**Conjugate:**	Unconjugated
Calculated MW:	23kDa	**Isotype:**	IgG

Immunogen Information

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.

Recommended Dilution: WB,1:500 - 1:1000 IF/ICC,1:10 - 1:100

Synonyms: LMP2; PRAAS3; PSMB6i; RING12; beta1i; PSMB9/LMP2

Purifcation Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-219 of human PSMB9/LMP2 (NP_002791.1).

Storage: Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

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