Proteasome 20S LMP2 Rabbit pAb

db7787 **Package : 20μL 50μL 100μL**

Product Name : Proteasome 20S LMP2 Rabbit pAb
Cat.No.: db7787
Synonyms : LMP2; PSMB6i; RING12; beta1i
Application : WB, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

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	A synthetic peptide of human Proteasome 20S LMP2
Gene ID	5698
Swiss Prot	P28065
Synonyms	LMP2; PSMB6i; RING12; beta1i
Reactivity	Human
Application	WB, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 ICC/IF: 1:20 FC: 1:20 IP: 1:20
Calculated MW	23 kDa
Observed MW	23 kDa
Host species	Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.