

Datasheet

PSMB2 monoclonal antibody (M02), clone M1

Catalog Number: H00005690-M02

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant PSMB2.

Clone Name: M1

Immunogen: PSMB2 (AAH00268, 1 a.a. ~ 201 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MEYLIGIQGPDYVLVASDRVAASNIVQMKDDHDKMFK
MSEKILLLCVGEAGDTVQFAEYIQKNVQLYKMRNGYEL
SPTAAANFTRRNLAADCLRSRTPYHVNLLLAGYDEHEG
PALYYMDYLAALAKAPFAAHGYGAFTLSILDRIYYTPTI
SRERAVELLRKCLEELQKRFILNLPFVSRIIDKNGIHDL
DNISFPKQGS

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5690

Gene Symbol: PSMB2

Gene Alias: HC7-I, MGC104215, MGC126885

Gene Summary: 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. [provided by RefSeq]