

Datasheet

PSMB6 monoclonal antibody (M02), clone S51

Catalog Number: H00005694-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant PSMB6.

Clone Name: S51

Immunogen: PSMB6 (AAH00835, 1 a.a. ~ 239 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

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MAATLLAARGAGPAPAWGPEAFTPDWESREVSTGTTI
MAVQFDGGVVLGADSRRTTGSYIANRVDELTPIHDR
FCCRSGSAADTQAVADAVTYQLGFHSIELNEPPLVHT
AASLFKEMCYRYREDLMAGIIIAGWDPQEGGQVYSVP
MGGMMVRQSF AIGGSGSSYIYGVDATYREGMTKEE
CLQFTANALALAMERDGSSGGVIRLAAIAESGVERQVL
LGDQIPKFAVATLPPA
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Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, S-ELISA, WB-Ce, WB-Re

(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: IgG2b Kappa

Storage Buffer: In 1x PBS, pH 7.2

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

Entrez GeneID: 5694

Gene Symbol: PSMB6

Gene Alias: DELTA, LMPY, MGC5169, Y

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 in the proteasome. This catalytic subunit is not present in the immunoproteasome and is replaced by catalytic subunit 1i (proteasome beta 9 subunit). [provided by RefSeq]