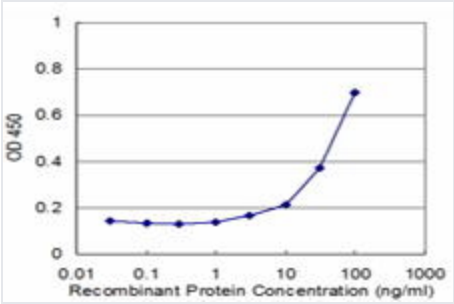
PSMA1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	PSMA1, Monoclonal Antibody
Full Product Name	PSMA1 (Proteasome (Prosome, Macropain) Subunit, alpha Type, 1, HC2, MGC14542, MGC14575, MGC14751, MGC1667, MGC21459, MGC22853,
Product Gene Name	anti-PSMA1 antibody
Product Synonym Names	Proteasome (Prosome; Macropain) Subunit; alpha Type; 1; HC2; MGC14542; MGC14575; MGC14751; MGC1667; MGC21459; MGC22853; MGC239
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3D8
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified
Specificity	Recognizes PSMA1.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor after thawing and prior to removing the cap.
Immunogen	PSMA1 (AAH02577, 1aa-263aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MFRNQYDNDVTVWSPQGRIHQIEYAMEAVKQGSATVGLKSKTHAVLVALKRAQSELAAHQKKILHVDNHIGISIAGLTADARLLCNFMRQECLDSRFVFDF
Conjugate	Biotin
Product Categories/Family for anti-PSMA1 antibody	Antibodies; Proteasomes
Applications Tested/Suitable for anti-PSMA1 antibody	Western Blot (WB)
Application Notes for anti-PSMA1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PSMA1 antibody	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I M
Other Notes	Small volumes of anti-PSMA1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for PSMA1 purchase	MBS6173010 is an antibody targeting PSMA1. Also known as PSMA1 (Proteasome (Prosome, Macropain) Subunit, alpha Type, 1, HC2, MGC14542, M



Testing Data of anti-PSMA1 antibody
Detection limit for recombinant GST tagged PSMA1 is approximately 3ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PSMA1. It may not necessarily be applicable to this product.

NCBI GI #	12803501
NCBI GeneID	5682
NCBI Accession #	AAH02577
UniProt Related Accession #	P25786
NCBI Official Full Name	Proteasome (prosome, macropain) subunit, alpha type, 1
NCBI Official Synonym Full Names	proteasome 20S subunit alpha 1
NCBI Official Symbol	PSMA1
NCBI Official Synonym Symbols	NU; HC2; PROS30; HEL-S-275
Protein Family	Phenol-soluble modulin alpha 1 peptide
NCBI Protein Information	proteasome subunit alpha type-1
Research Articles on PSMA1	**1.** In thyroid hemiagenesis, genomic examinations revealed the presence of four recurrent defects (three deletions and one duplication) affecting highly conservative proteasome genes PSMA1, PSMA3, and PSMD3.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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