

Proteasome Subunit Beta Type 4 (PSMB4) Antibody

Catalogue No.: abx110495

Proteasome Subunit Beta Type 4 (PSMB4) Antibody is a Rabbit Polyclonal antibody against Proteasome Subunit Beta Type 4 (PSMB4). 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.

Target:	Proteasome Subunit Beta Type 4 (PSMB4)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/20 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant human Proteasome subunit beta type-4 protein (46-264AA).
Isotype:	IgG
Form:	Liquid
Purity:	> 95%
Purification:	Purified by Protein G.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P28070 (UniProt , ExPASy)
Gene Symbol:	PSMB4
GeneID:	5692
OMIM:	602177

Datasheet

Version: 3.0.0

Revision date: 11 Aug 2025



HGNC: 9541

KEGG: hsa:5692

Ensembl: ENSG00000159377

String: [9606.ENSP00000290541](#)

Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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