

## Anti-Proteasome 20S beta 6/PSMB6 Antibody Picoband® HRP Conjugated

Catalog Number: A07705-1-HRP

### About PSMB6

Proteasome subunit beta type-6 also known as 20S proteasome subunit beta-1 (based on systematic nomenclature) is a protein that in humans is encoded by the PSMB6 gene. 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. The encoded protein is a member of the proteasome B-type family, also known as the T1B family, and is a 20S core beta subunit in the proteasome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

### Overview

Product Name	Anti-Proteasome 20S beta 6/PSMB6 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P28072

### Technical Details

Immunogen	E.coli-derived human PSMB6 recombinant protein (Position: A50-D201).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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