


Product datasheet

Anti-Proteasome 20S beta 6 antibody [EPR9685] ab150366

Recombinant RabMAb

3 Images

Overview

Product name	Anti-Proteasome 20S beta 6 antibody [EPR9685]
Description	Rabbit monoclonal [EPR9685] to Proteasome 20S beta 6
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC or IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human Proteasome 20S beta 6 aa 150-250. The exact sequence is proprietary. Database link: P28072
Positive control	Fetal liver and HeLa cell lysates, HeLa cells
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant

Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR9685
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab150366 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Predicted molecular weight: 25 kDa.

Application notes Is unsuitable for ICC or IHC-P.

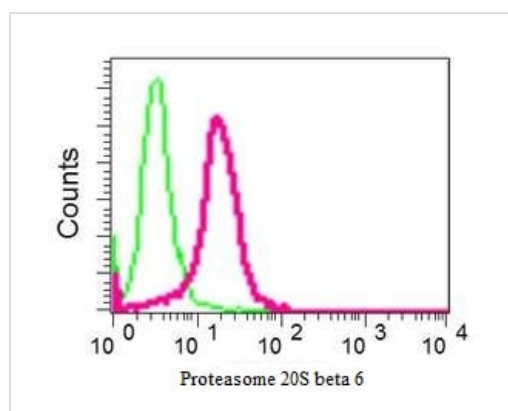
Target

Function The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This unit is responsible of the peptidyl glutamyl-like activity. May catalyze basal processing of intracellular antigens.

Sequence similarities Belongs to the peptidase T1B family.

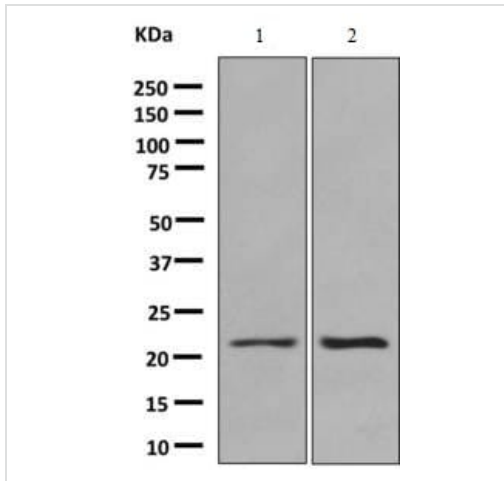
Cellular localization Cytoplasm. Nucleus.

Images



Intracellular flow cytometric analysis of permeabilized HeLa cells labelling Proteasome 20S beta 6 using ab150366 (red) or a rabbit IgG control (green).

Flow Cytometry (Intracellular) - Anti-Proteasome 20S beta 6 antibody [EPR9685] (ab150366)



Western blot - Anti-Proteasome 20S beta 6 antibody [EPR9685] (ab150366)

All lanes : Anti-Proteasome 20S beta 6 antibody [EPR9685] (ab150366) at 1/1000 dilution

Lane 1 : Fetal liver lysate

Lane 2 : HeLa cell lysate





Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 25 kDa

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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