

Product datasheet

Anti-PSMB10 antibody ab106922

2 Images

Overview

Product name	Anti-PSMB10 antibody
Description	Goat polyclonal to PSMB10
Host species	Goat
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human PSMB10 aa 231-242 (internal sequence). Sequence: C-PTEPVKRSGRYH Database link: P40306 Run BLAST with Run BLAST with
Positive control	Human Liver, Lung and Lymph Node lysates

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
Purity	Immunogen affinity purified
Purification notes	ab106922 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab106922** in the following tested applications.

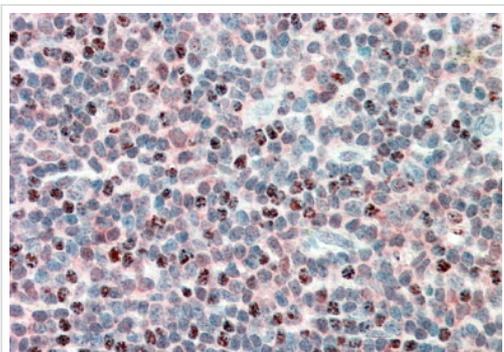
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 26 kDa (predicted molecular weight: 29 kDa).
IHC-P		Use a concentration of 5 - 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

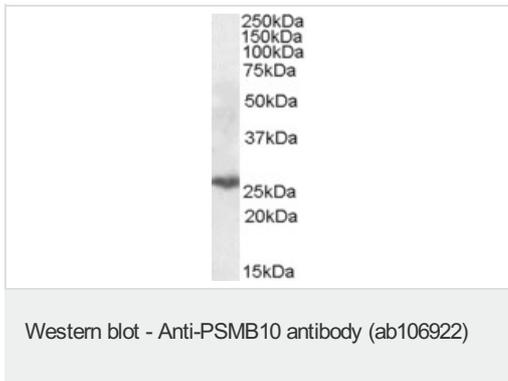
Function	The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to generate class I binding peptides.
Sequence similarities	Belongs to the peptidase T1B family.
Developmental stage	Highly expressed in immature dendritic cells (at protein level).
Post-translational modifications	Autocleaved. The resulting N-terminal Thr residue of the mature subunit is responsible for the nucleophile proteolytic activity.
Cellular localization	Cytoplasm. Nucleus.

Images



ab106922 (5µg/ml) staining of paraffin embedded Human Tonsil following teamed antigen retrieval with citrate buffer pH 6 and AP-staining shows defined staining in a subset of cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PSMB10 antibody (ab106922)



Anti-PSMB10 antibody (ab106922) at 0.3
µg/ml + Human lung lysate in RIPA buffer at 35
µg

Developed using the ECL technique.

Predicted band size: 29 kDa

Primary incubation was 1 hour.

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