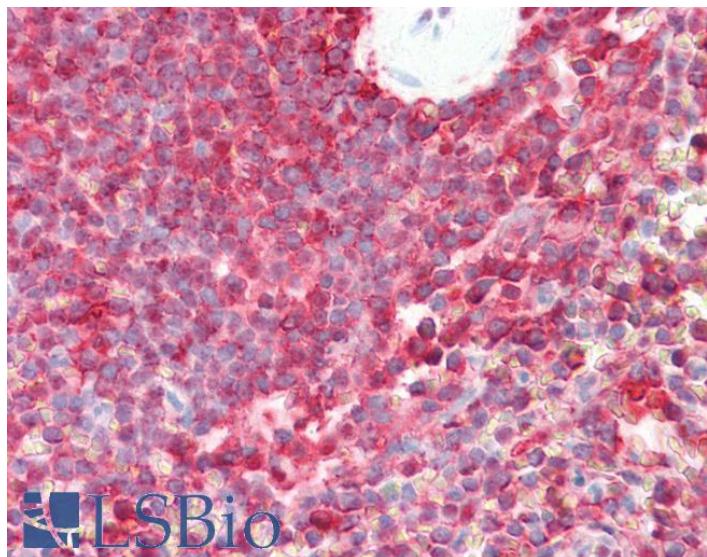


## GOAT ANTI-LMP7 ANTIBODY

**SKU:** EB09445



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage** Aliquot and store at -20°C. Minimize freezing and thawing.

**Instructions** PSMB8|proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase

**Synonym /** 7|D6S216|D6S216E|LMP7|MGC1491|PSMB5i|RING10|beta5i|OTTHUMP0000029420|OTTHUMP0000029421|OTTHUMP0000062981|low

**Alias** molecular weight protein 7|macropain subunit C13|multicatalytic endopeptidase complex subunit C13|protease component

**Names** C13|proteasome (prosome, macropain) subunit beta type 8 (large multifunctional protease 7)|proteasome beta 8 subunit|proteasome catalytic subunit 3i|proteasome subunit Y2|proteasome subunit beta 5i|proteasome-related gene 7

**Accession ID** NP\_004150.1; NP\_683720.2

**Blocking Peptide** EBP09445

**Immunogen** Peptide with sequence C-DVSDLLHQYREANQ, from the C Terminus of the protein sequence according to NP\_004150.1; NP\_683720.2.

**Product Comments** This antibody is expected to recognize both reported isoforms (NP\_004150.1; NP\_683720.2).

**Peptide Sequence** C-DVSDLLHQYREANQ

**Purification Method** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Shipping Instructions** Refrigerated

<b>Predicted Species</b>	Human, Mouse, Rat, Dog, Pig, Cow
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	5696
<b>Mouse Gene ID</b>	16913
<b>Rat Gene ID</b>	24968
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Spleen. Recommended concentration: 3.75µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:8000.
<b>Western Blot</b>	Approx 22kDa band observed in Human Liver, Lung and Lymph Node lysates (calculated MW of 29.8kDa according to precursor NP_004150.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Schwarz et al, J Immunol. 2000 Jul 15;165(2):768-78. PMID: 10878350. Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.
<b>Application Type</b>	Pep-ELISA, WB, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

