

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09446 - Goat Anti-MECL1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PSMB10, proteasome (prosome, macropain) subunit, beta type, 10, LMP10, MECL1, MGC1665, beta2i, macropain subunit MECL-1, multicatalytic endopeptidase complex subunit MECL-1, proteasome MECL-1, proteasome beta 10 subunit, proteasome catalytic subunit 2i, proteasome subunit MECL1, proteasome subunit beta 7i

**Official Symbol:** PSMB10

**Accession Number(s):** NP\_002792.1

**Human GeneID(s):** [5699](#)

**Non-Human GeneID(s):** 19171 (mouse), 291983 (rat)

### Immunogen

Peptide with sequence C-PTEPVKRSGRYH, from the internal region of the protein sequence according to NP\_002792.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

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

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

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

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 26kDa band observed in Human, Liver, Lung and Lymph Node lysates (calculated MW of 28.9kDa according to NP\_002792.1). Recommended concentration: 0.3-1µg/ml.

**IHC:** In paraffin embedded Human Tonsil shows efined staining in a subset of cells. Recommended concentration, 5-10µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB09446 (0.3µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.

EB09446 (5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.