



## UK Office

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

## EB09070 - Goat Anti-PTMA Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PTMA, prothymosin, alpha, MGC104802, TMSA, gene sequence 28, prothymosin alpha protein, prothymosin, alpha (gene sequence 28), region containing prothymosin, alpha (gene sequence 28), prothymosin, alpha (gene sequence 28), prothymosin, alpha (gene sequence 28), hypothetical protein MGC12250, prothymosin, alpha (gene sequence 28)

**Official Symbol:** PTMA

**Accession Number(s):** NP\_001092755.1; NP\_002814.3

**Human GeneID(s):** [5757](#)

**Non-Human GeneID(s):** 500448 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001092755.1; NP\_002814.3).

### Immunogen

Peptide with sequence C-DVDTKKQKTDEDD, from the C Terminus of the protein sequence according to NP\_001092755.1; NP\_002814.3.

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 1:1000.

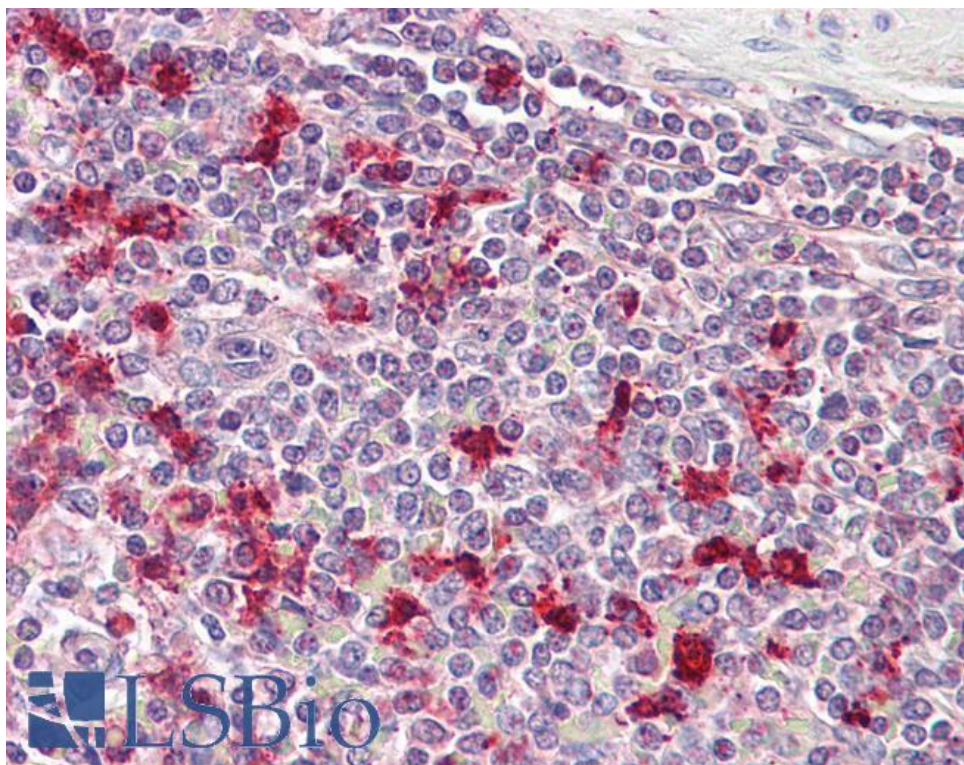
**Western blot:** Preliminary experiments gave an approx. 38kDa band in lysates of cell line A431 after 0.2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 12.2kDa according to NP\_001092755.1 and of 12.1kDa according to NP\_002814.3. The 38kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Spleen. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Rat, Dog



EB09070 (3.75µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.