

## UK Office

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

## EB08993 - Goat Anti-PMSCL1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EXOSC9, exosome component 9, PM/Scl-75, PMSCL1, RRP45, Rrp45p, p5, p6, P75 polymyositis-scleroderma overlap syndrome associated autoantigen, PMSCL autoantigen, 75kD, autoantigen PM/Scl 1, polymyositis/scleroderma autoantigen 1 (75kD), polymyositis/scleroderma autoantigen 1, 75kDa

**Official Symbol:** EXOSC9

**Accession Number(s):** NP\_001029366.1; NP\_005024.2

**Human GeneID(s):** [5393](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001029366.1; NP\_005024.2).

### Immunogen

Peptide with sequence C-RTQTTSKQEKAP, from the C Terminus of the protein sequence according to NP\_001029366.1; NP\_005024.2.

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 1:64000.

**Western blot:** Approx. 75kDa band observed in lysates of cell line Jurkat (calculated MW of 50.8kDa according to NP\_001029366.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Alderuccio, J Exp Med. 1991 Apr 1;173(4):941-52; PMID: 2007859). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB08993 (0.3µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.