

## International Office

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

## EB08024 - Goat Anti-TPD52 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TPD52, tumor protein D52, D52, N8L, PC-1, PrLZ, hD52, PC1/MRPS28 fusion protein, prostate and colon associated protein

**Official Symbol:** TPD52

**Accession Number(s):** NP\_001020423.1 ; NP\_001020424.1; NP\_005070.1

**Human GeneID(s):** [7163](#)

**Important Comments:** This antibody is expected to recognise all three reported isoforms (NP\_001020423.1, NP\_001020424.1 and NP\_005070.1).

### Immunogen

Peptide with sequence C-TEPLPEKTQES, from the C Terminus of the protein sequence according to NP\_001020423.1 ; NP\_001020424.1; NP\_005070.1.

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 26-28kDa band observed in Human Lymph Node and Human Kidney lysates (calculated MW of 24.3kDa according to NP\_001020423.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Tiacchi et al , Blood. 2005 Apr 1;105(7):2812-20.; PMID: 15576473). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

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

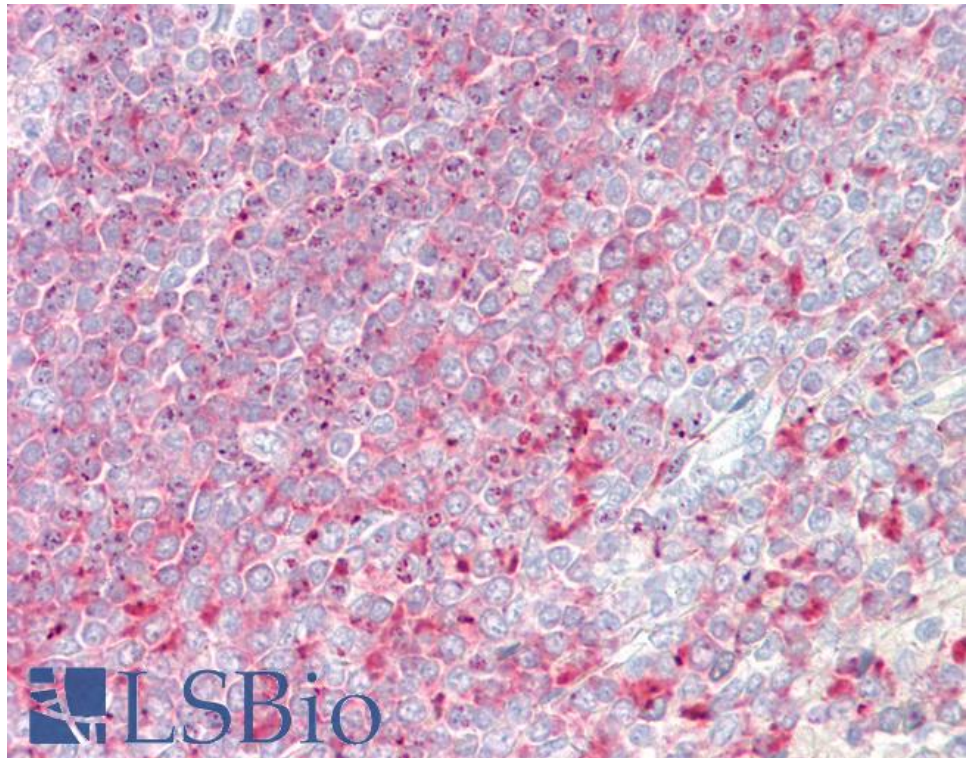
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08024 (1 $\mu$ g/ml) staining of Human Lymph Node lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB08024 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.