

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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_001020424.1and 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 (Tiacci 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.

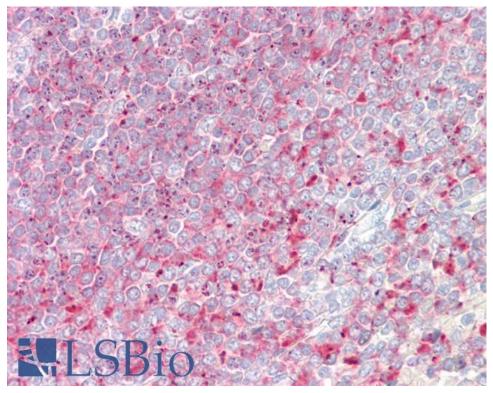
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



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



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