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diagnostic or therapeutic use.**

EB07850 - Goat Anti-T-cell differentiation protein Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MAL, mal, T-cell differentiation protein, T-cell differentiation protein
MAL, T-lymphocyte maturation-associated protein, myelin and lymphocyte protein

Official Symbol: MAL

Accession Number(s): NP_002362.1; NP_071884.1

Human GeneID(s): [4118](#)

Non-Human GeneID(s): 17153 (mouse), 25263 (rat)

Important Comments: This antibody is expected to recognise isoform a (NP_002362.1)
and isoform c (NP_071884.1).

Immunogen

Peptide with sequence C-QDGFTYRHYHEN, from the internal region of the protein
sequence according to NP_002362.1; NP_071884.1.

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 1:4000.

Western blot: Preliminary experiments gave an approx 35kDa band in Human Thymus
and Thyroid Gland lysates after 0.3µg/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 16.7kDa according to NP_002362.1. The 35kDa band was successfully blocked by
incubation with the immunizing peptide. We would appreciate any feedback from people in
the field - have any results been reported with other antibodies/lysates? Have any further
splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat