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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 GenelD(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