



Anti-MAL polyclonal antibody (DPAB-DC1893)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a highly hydrophobic integral membrane protein belonging to the MAL family of proteolipids. The protein has been localized to the endoplasmic reticulum of T-cells and is a candidate linker protein in T-cell signal transduction. In addition, this proteolipid is localized in compact myelin of cells in the nervous system and has been implicated in myelin biogenesis and/or function. The protein plays a role in the formation, stabilization and maintenance of glycosphingolipid-enriched membrane microdomains. Down-regulation of this gene has been associated with a variety of human epithelial malignancies. Alternative splicing produces four transcript variants which vary from each other by the presence or absence of alternatively spliced exons 2 and 3.
----------------------------	--

Specificity	This antibody is expected to recognize isoform a (NP_002362.1) and isoform c (NP_071884.1).
Immunogen	A synthetic peptide corresponding to human MAL. The sequence is C-QDGFTYRHYHEN
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MAL mal, T-cell differentiation protein [Homo sapiens (human)]
Official Symbol	MAL
Synonyms	MAL; mal, T-cell differentiation protein; myelin and lymphocyte protein; T-lymphocyte maturation-associated protein;
Entrez Gene ID	4118
Protein Refseq	NP_002362
UniProt ID	A0A024RE19
Chromosome Location	2q11.1
Function	channel activity; lipid binding; peptidase activator activity involved in apoptotic process; protein binding