



Human MAL blocking peptide (CDBP2924)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-T-cell differentiation protein antibody
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. [provided by RefSeq, May 2012]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MAL mal, T-cell differentiation protein [Homo sapiens]
Official Symbol	MAL

Synonyms	MAL; mal, T-cell differentiation protein; myelin and lymphocyte protein; T-cell differentiation protein MAL; T-lymphocyte maturation-associated protein;
Entrez Gene ID	4118
mRNA Refseq	NM_002371
Protein Refseq	NP_002362
UniProt ID	P21145
Chromosome Location	2q11.1
Function	apoptotic protease activator activity; channel activity; lipid binding; protein binding; structural constituent of myelin sheath;