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Datasheet for ABIN905486

anti-MAL antibody (AA 65-153) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	MAL
Binding Specificity:	AA 65-153
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAL antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MAL
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	MAL
Alternative Name:	MAL (MAL Products)
Background:	Synonyms: mal, MAL protein gene, Mal T-cell differentiation protein, MAL_HUMAN, MALGENE,

Target Details

MPV17, Myelin and lymphocyte protein, T-cell differentiation protein MAL, T-lymphocyte maturation-associated protein, VIP17.

Background: 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. 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, Jul 2008].

Gene ID: 4118

Pathways: [Asymmetric Protein Localization](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months