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Datasheet for ABIN4996176

anti-MTDH antibody (AA 131-230) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	MTDH
Binding Specificity:	AA 131-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTDH antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AEG-1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	MTDH
Alternative Name:	LYRIC (MTDH Products)

Target Details

Background:	<p>Synonyms: 3D3, AEG1, AEG-1, LYRIC, LYRIC/3D3, Protein LYRIC, 3D3/LYRIC, Astrocyte elevated gene-1 protein, Lysine-rich CEACAM1 co-isolated protein, Metadherin, Metastasis adhesion protein, MTDH</p> <p>Background: Downregulates SLC1A2/EAAT2 promoter activity when expressed ectopically. Activates the nuclear factor kappa-B (NF-kappa-B) transcription factor. Promotes anchorage-independent growth of immortalized melanocytes and astrocytes which is a key component in tumor cell expansion. Promotes lung metastasis and also has an effect on bone and brain metastasis, possibly by enhancing the seeding of tumor cells to the target organ endothelium. Induces chemoresistance.</p>
Gene ID:	92140
UniProt:	Q86UE4
Pathways:	Cellular Response to Molecule of Bacterial Origin , Cell-Cell Junction Organization

Application Details

Application Notes:	<p>FCM 1:20-100</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
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