.-online.com antibodies

Datasheet for ABIN1108306 anti-MTDH antibody

3 Images



Overview

Quantity:	0.1 mL
Target:	MTDH
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MTDH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Clone:	2F11C3
Isotype:	lgG1
Specificity:	This antibody reacts to Metadherin.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein G

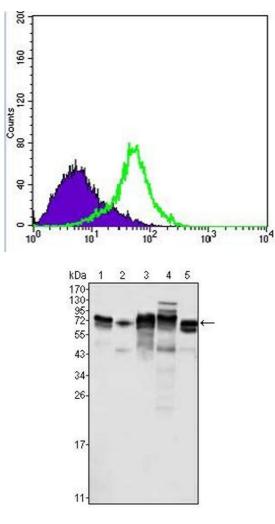
Target Details

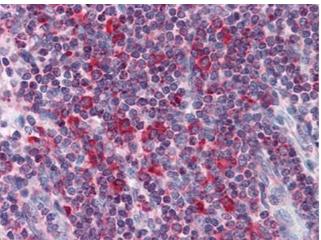
Target:	MTDH
Alternative Name:	MTDH (MTDH Products)
Background:	Metadherin (Metastasis adhesion protein), also known as MTDH, LYsine-RIch CEACAM1 co-

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN1108306 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

	isolated (LYRIC), is a novel protein that localizes with the tight junction proteins ZO-1 and
	occludin in polarized epithelial cells. At the tight junction, it acts not as a structural component,
	but is rather recruited during the maturation of the tight junction complex. Metadherin is
	overexpressed in breast cancer tissue and breast tumor xenografts, while much lower levels
	are expressed in normal breast tissue. Metadherin binds to lung vasculature, one of the four
	common sites of breast cancer metastasis, through a C-terminal segment in the extracellular
	domain, blocking this lung-homing domain with antibodies or inhibiting metadherin with siRNA
	has been reported to inhibit breast cancer metastasis.Synonyms: 3D3/LYRIC, AEG-1, AEG1,
	Astrocyte elevated gene-1 protein, LYRIC, Lysine-rich CEACAM1 co-isolated protein, Metadherin,
	Metastasis adhesion protein
Molecular Weight:	64 kDa
Gene ID:	92140
Pathways:	Cellular Response to Molecule of Bacterial Origin, Cell-Cell Junction Organization
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, 0,03 % sodium azide, 50 % glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.





Flow Cytometry

Image 1.

Western Blotting

Image 2.

Immunohistochemistry

Image 3.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN1108306 | 09/12/2023 | Copyright antibodies-online. All rights reserved.