

Mouse Metadherin Monoclonal Antibody | anti-MTDH antibody

Metadherin antibody

CATALOG #	HOST	APPLICATIONS
AAA225006	Mouse	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

Metadherin; Monoclonal Antibody; Metadherin antibody; Mouse monoclonal Metadherin antibody; Monoclonal Metadherin antibody; Anti-Metadherin antibody; Metastasis adhesion protein antibody; MTDH antibody; LYSine-Rich CEACAM1 co-isolated antibody; LYRIC antibody; anti-MTDH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2F11C3
Purity/Purification	Purified by Protein G affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol and 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	582
Applicable Applications for anti-MTDH antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA
Immunogen	Metadherin antibody was raised in Mouse using a purified recombinant fragment of human MTDH expressed in E Coli as the immunogen.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



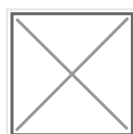
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Liver tissues using Metadherin antibody



WB (Western Blot)

Western Blot showing Metadherin antibody used against K562 (1), SKBR-3 (2), T47D (3), Hela (4) and MCF-7 (5) cell lysate.



FCM/FACS (Flow Cytometry)

FC analysis of Hela cells using Metadherin antibody (green) and negative control (purple).

ADDITIONAL INFORMATION

Related Product Information for anti-MTDH antibody	Metadherin 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.
Product Categories/Family for anti-MTDH antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	28277147
NCBI GeneID	92140
Molecular Weight	63,837 Da
NCBI Official Full Name	Metadherin
NCBI Official Synonym Full Names	metadherin
NCBI Official Symbol	MTDH
NCBI Official Synonym Symbols	3D3; AEG1; AEG-1; LYRIC; LYRIC/3D3
NCBI Protein Information	protein LYRIC
UniProt Protein Name	Protein LYRIC
UniProt Gene Name	MTDH
UniProt Synonym Gene Names	AEG1; LYRIC; AEG-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/metadherin-antibody-clone-2f11c3-western-blot-immunohistochemistry-flow-cytometry-elisa/225006>