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LDLRAP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant LDLRAP1.
Catalog # AT2691a

Specification

LDLRAP1 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, IHC, E**
Primary Accession	Q5SW96
Other Accession	BC029770
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 kappa**
Calculated MW	**33885**

LDLRAP1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 26119

Other Names
Low density lipoprotein receptor adapter protein 1, Autosomal recessive hypercholesterolemia protein, LDLRAP1, ARH

Target/Specificity
LDLRAP1 (AAH29770, 1 a.a. ~ 263 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
LDLRAP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

LDLRAP1 Antibody (monoclonal) (M01) - Protocols

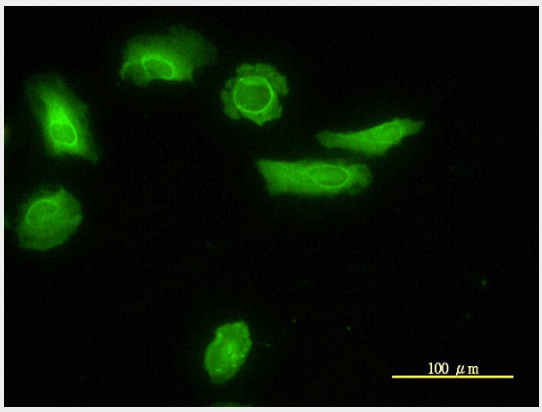
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

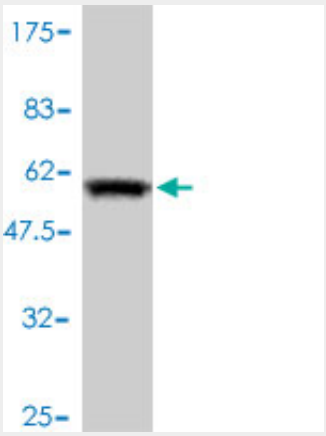
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

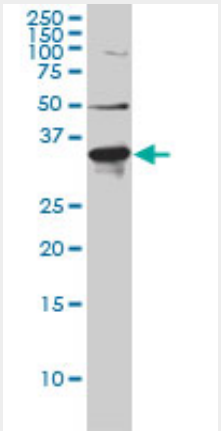
LDLRAP1 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to LDLRAP1 on HeLa cell. [antibody concentration 10 ug/ml]



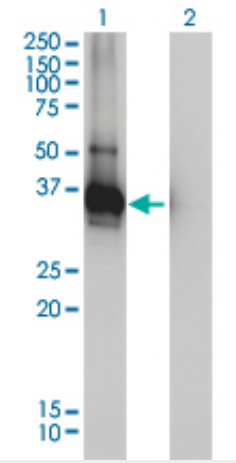
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (54.67 KDa) .



LDLRAP1 monoclonal antibody (M01), clone 4G4-D5 Western Blot analysis of LDLRAP1 expression

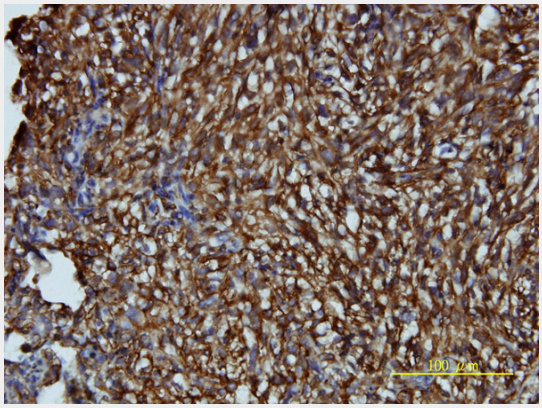
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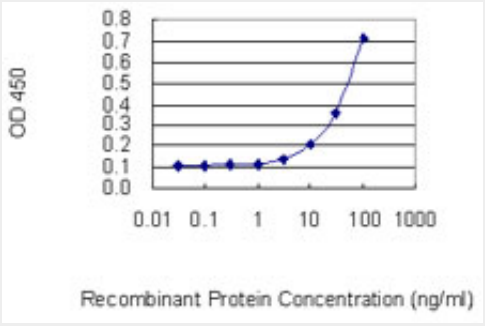


Western Blot analysis of LDLRAP1 expression in transfected 293T cell line by LDLRAP1 monoclonal antibody (M01), clone 4G4-D5.

Lane 1: LDLRAP1 transfected lysate(29 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to LDLRAP1 on formalin-fixed paraffin-embedded human maligant fibrous histiocytoma tissue. [antibody concentration 2 ug/ml]



Detection limit for recombinant GST tagged LDLRAP1 is 1 ng/ml as a capture antibody.

LDLRAP1 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene is a cytosolic protein which contains a phosphotyrosine binding (PTD) domain. The PTD domain has been found to interact with the cytoplasmic tail of the LDL receptor. Mutations in this gene lead to LDL receptor malfunction and cause the disorder autosomal

recessive hypercholesterolaemia.

LDLRAP1 Antibody (monoclonal) (M01) - References

1.Disabled-2 Protein Facilitates Assembly Polypeptide-2-independent Recruitment of Cystic Fibrosis Transmembrane Conductance Regulator to Endocytic Vesicles in Polarized Human Airway Epithelial Cells.Cihil KM, Ellinger P, Fellows A, Stolz DB, Madden DR, Swiatecka-Urban A.J Biol Chem. 2012 Apr 27;287(18):15087-99. Epub 2012 Mar 7.2.Autosomal recessive hypercholesterolemia in Spanish kindred due to a large deletion in the ARH gene.Quagliarini F, Vallve JC, Campagna F, Alvaro A, Fuentes-Jimenez FJ, Sirinian MI, Meloni F, Masana L, Arca M.Mol Genet Metab. 2007 Nov;92(3):243-8. Epub 2007 Aug 7.