

# Product Datasheet

## ARH Antibody (4G4-D5) - Azide and BSA Free H00026119-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 2

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**H00026119-M01**

ARH Antibody (4G4-D5) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G4-D5
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

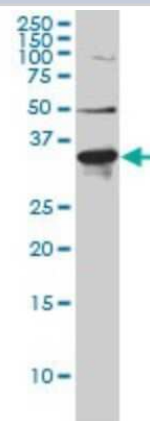
Product Description	
Description	Novus Biologicals Mouse ARH Antibody (4G4-D5) - Azide and BSA Free (H00026119-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-ARH Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	26119
Gene Symbol	LDLRAP1
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	LDLRAP1 - low density lipoprotein receptor adaptor protein 1
Immunogen	LDLRAP1 (AAH29770, 1 a.a. ~ 263 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MLFSLKYLGM TLVEQPKGEELSAAA IKRIVATAKASGKKLQKVT LKVSPRGIILTD NLTNQLIENVSIYRISYCTADKMHDKVFAYIAQSQHNSLECHAFLCTKRKMAQ AVTLTVAQAFKVAFEFWQVSKEEKEKRDKASQEGGDV LGARQDCTPPLKSLV ATGNLLDLEETAKAPLSTVSANTTNMDEVPRPQALSGSSVWELDDGLDEAFS RLAQSRTNPQVLDTG LTAQDMHYAQCLSPVDWDPDSSGTEQDDLFSF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate, transfected lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.

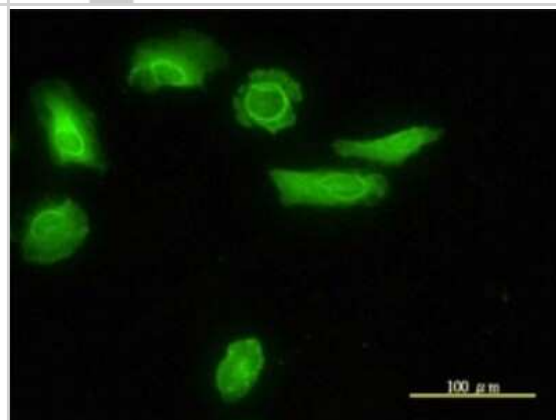


## Images

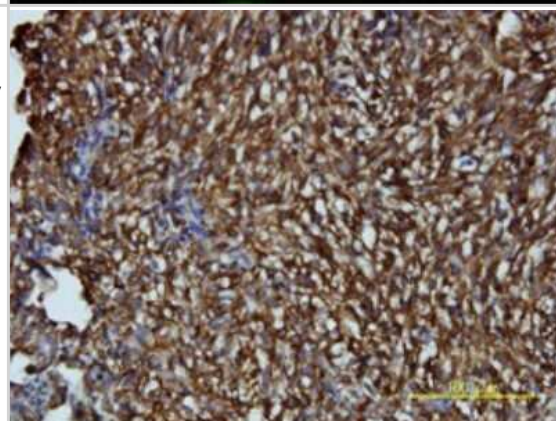
Western Blot: ARH Antibody (4G4-D5) [H00026119-M01] - LDLRAP1 monoclonal antibody (M01), clone 4G4-D5 Analysis of LDLRAP1 expression in Hela S3 NE.



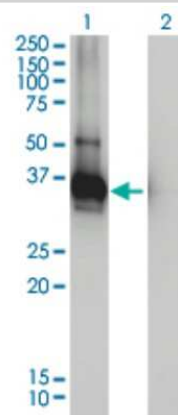
Immunocytochemistry/Immunofluorescence: ARH Antibody (4G4-D5) [H00026119-M01] - Analysis of monoclonal antibody to LDLRAP1 on HeLa cell. Antibody concentration 10 ug/ml.



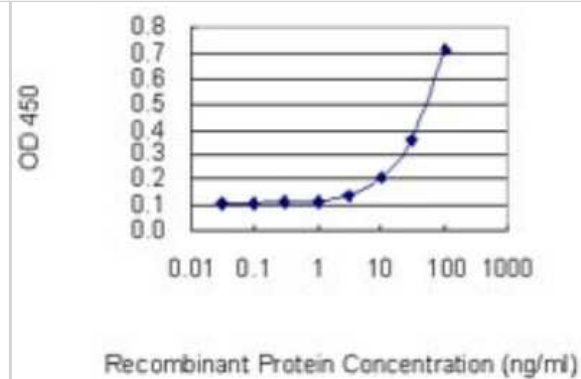
Immunohistochemistry-Paraffin: ARH Antibody (4G4-D5) [H00026119-M01] - Analysis of monoclonal antibody to LDLRAP1 on formalin-fixed paraffin-embedded human malignant fibrous histiocytoma tissue. Antibody concentration 2 ug/ml.



Western Blot: ARH Antibody (4G4-D5) [H00026119-M01] - 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.



Sandwich ELISA: ARH Antibody (4G4-D5) [H00026119-M01] - Detection limit for recombinant GST tagged LDLRAP1 is 1 ng/ml as a capture antibody.



## Publications

Cihil KM, Ellinger P, Fellows A et al. Disabled-2 Protein Facilitates Assembly Polypeptide-2-independent Recruitment of Cystic Fibrosis Transmembrane Conductance Regulator to Endocytic Vesicles in Polarized Human Airway Epithelial Cells. *J Biol Chem*. 2012-03-07 [PMID: 22399289]

Quagliarini F, Vallve JC, Campagna F et al. Autosomal recessive hypercholesterolemia in Spanish kindred due to a large deletion in the ARH gene. *Mol Genet Metab*;92(3):243-8. 2007-11-01 [PMID: 17686643]



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### **Products Related to H00026119-M01**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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