

Product Datasheet

ARF1 Antibody (1B3) - BSA Free NBP1-97935-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-97935-100ul

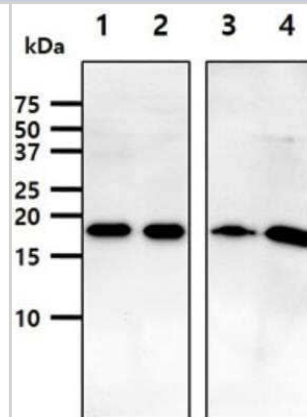
ARF1 Antibody (1B3) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B3
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 10% Glycerol
Product Description	
Host	Mouse
Gene ID	375
Gene Symbol	ARF1
Species	Human
Immunogen	Recombinant human ARF1 (1-181aa) purified from E. coli
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:100

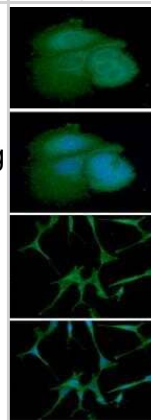


Images

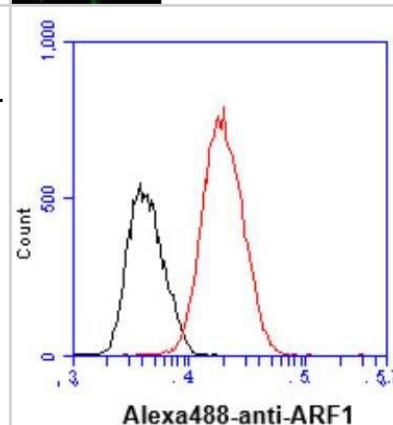
Western Blot: ARF1 Antibody (1B3) [NBP1-97935] - The lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human ARF1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: HepG2 cell lysate Lane 3.: Brain tissue lysate Lane 4.: MCF cell lysate



Immunocytochemistry/Immunofluorescence: ARF1 Antibody (1B3) [NBP1-97935] - Analysis in MCF7 cell line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human ARF1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green). ICC/IF analysis of ARF1 in U87MG cell line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human ARF1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



Flow Cytometry: ARF1 Antibody (1B3) [NBP1-97935] - Analysis of ARF1 in MCF7 cell line, staining at 2-5ug for 1x10⁶ cells (red line). The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).



Publications

Herrera A, Packer MM, Rosas-Lemus M et al. Vibrio MARTX toxin processing and degradation of cellular Rab GTPases by the cytotoxic effector Makes Caterpillars Floppy bioRxiv : the preprint server for biology 2023-04-19 [PMID: 37131655] (WB)

Herrera A, Muroski J, Sengupta R et al. N-terminal autoprocessing and acetylation of multifunctional-autoprocessing repeats-in-toxins (MARTX) Makes Caterpillars Floppy-like effector is stimulated by adenosine diphosphate (ADP)-Ribosylation Factor 1 in advance of Golgi fragmentation Cell. Microbiol. 2020-02-01 [PMID: 31658406]

Herrera A, Muroski J, Sengupta R, Nguyen HH N-terminal autoprocessing and acetylation of MARTX Makes-Caterpillars Floppy-like 2 effector is stimulated by ADP-Ribosylation Factor 1 in advance of Golgi fragmentation bioRxiv (WB, Human)

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
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NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-45297-0.1mg	Recombinant Human ARF1 His Protein

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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