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Datasheet for ABIN559926

anti-ARF5 antibody (AA 81-180)

8 Images

8 Publications

Overview

Quantity:	100 µg
Target:	ARF5
Binding Specificity:	AA 81-180
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ARF5 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ARF5.
Immunogen:	ARF5 (AAH03043, 81 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	YFQNTQGLIF VVDSNDRERV QESADELQKM LQEDELRLDAV LLVFANKQDM PNAMPVSELT DKLGLQLHRS RTWYVQATCA TQGTGLYDGL DWLSHELKSR
Clone:	1B4
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ARF5
Alternative Name:	ARF5 (ARF5 Products)
Background:	Full Gene Name: ADP-ribosylation factor 5 Synonyms:
Gene ID:	381

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

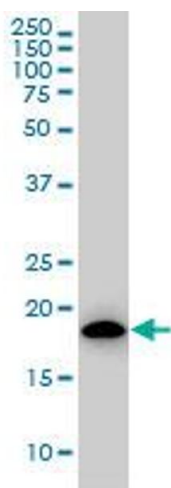
Publications

Product cited in:	<p>Münzberg, Höhn, Krndija, Maaß, Bartsch, Slater, Oswald, Walther, Seufferlein, von Wichert: "IGF-1 drives chromogranin A secretion via activation of Arf1 in human neuroendocrine tumour cells." in: Journal of cellular and molecular medicine, Vol. 19, Issue 5, pp. 948-59, (2015) (PubMed).</p> <p>Nakai, Kondo, Saitoh, Naito, Nakayama, Shin: "ARF1 and ARF4 regulate recycling endosomal morphology and retrograde transport from endosomes to the Golgi apparatus." in: Molecular biology of the cell, Vol. 24, Issue 16, pp. 2570-81, (2013) (PubMed).</p> <p>Reiling, Olive, Sanyal, Carette, Brummelkamp, Ploegh, Starnbach, Sabatini: "A CREB3-ARF4 signalling pathway mediates the response to Golgi stress and susceptibility to pathogens." in: Nature cell biology, Vol. 15, Issue 12, pp. 1473-85, (2013) (PubMed).</p> <p>Kudelko, Brault, Kwok, Li, Pardigon, Peiris, Bruzzone, Desprès, Nal, Wang: "Class II ADP-ribosylation factors are required for efficient secretion of dengue viruses." in: The Journal of biological chemistry, Vol. 287, Issue 1, pp. 767-77, (2012) (PubMed).</p>
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Takashima, Saitoh, Hirose, Nakai, Kondo, Takasu, Takeya, Shin, Nakayama: "GBF1-Arf-COPI-ArfGAP-mediated Golgi-to-ER transport involved in regulation of lipid homeostasis." in: **Cell structure and function**, Vol. 36, Issue 2, pp. 223-35, (2011) ([PubMed](#)).

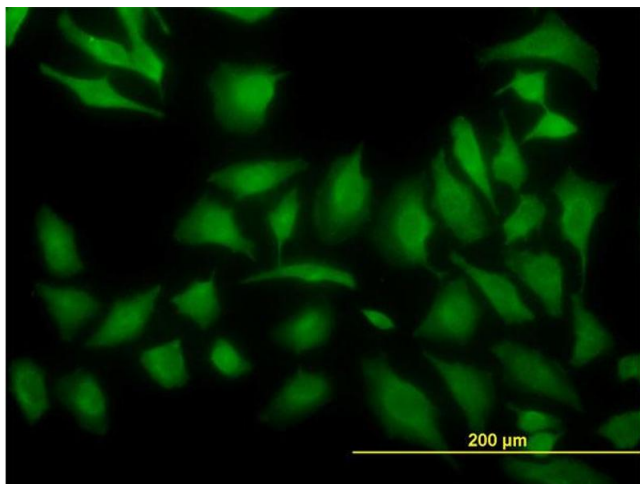
There are more publications referencing this product on: [Product page](#)

Images



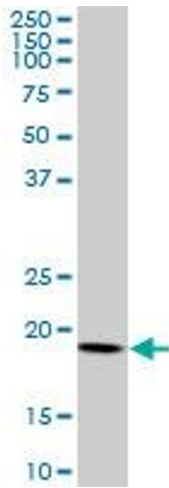
Western Blotting

Image 1. ARF5 monoclonal antibody (M01), clone 1B4
Western Blot analysis of ARF5 expression in A-431 .



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to ARF5 on HeLa cell. [antibody concentration 15 ug/ml]



Western Blotting

Image 3. ARF5 monoclonal antibody (M01), clone 1B4.
Western Blot analysis of ARF5 expression in HeLa .

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN559926.