

Product Datasheet

ARID1B Antibody (2F2) - Azide and BSA Free H00057492-M02

Unit Size: 0.1 mg

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

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H00057492-M02

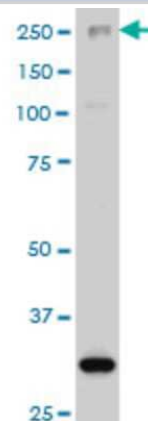
ARID1B Antibody (2F2) - Azide and BSA Free

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	2F2
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	57492
Gene Symbol	ARID1B
Species	Human, Mouse
Specificity/Sensitivity	ARID1B (2F2)
Immunogen	ARID1B (NP_059989, 1364 a.a. ~ 1460 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PPAKRHEGDMYNMQYSSQQQEMYNQYGGSYSGPDRRPIQGQYPYPYSRER MQGPGQIQTHGIPPQMMGGPLQSSSSEGPQQNMWAARNMPYPYQNR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactive against recominant protein and cell lysate for Western Blot. Has also been used for immunofluoresence, immunohistochemistry (paraffin), and ELISA.

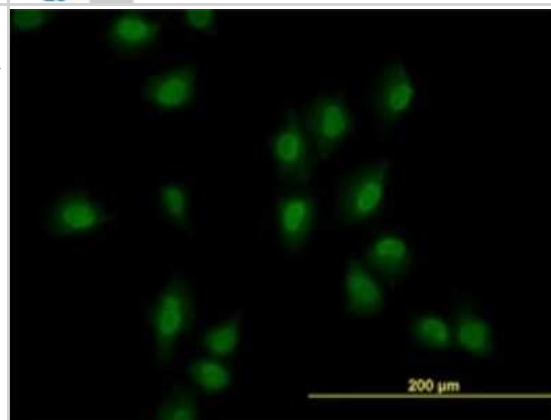


Images

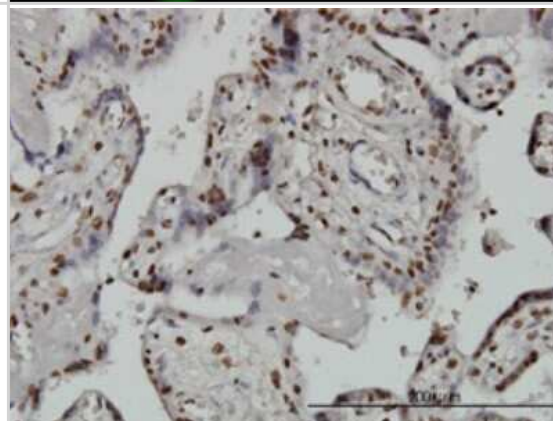
Western Blot: ARID1B Antibody (2F2) [H00057492-M02] - ARID1B monoclonal antibody (M02), clone 2F2 Analysis of ARID1B expression in Hela S3 NE.



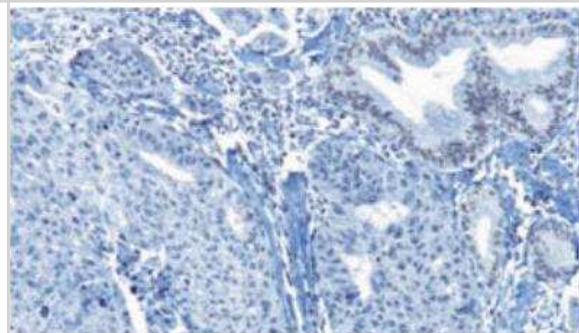
Immunocytochemistry/Immunofluorescence: ARID1B Antibody (2F2) [H00057492-M02] - Analysis of monoclonal antibody to ARID1B on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: ARID1B Antibody (2F2) [H00057492-M02] - Analysis of monoclonal antibody to ARID1B on formalin-fixed paraffin-embedded human placenta. Antibody concentration 3 ug/ml.



Immunohistochemistry-Paraffin: ARID1B Antibody (2F2) [H00057492-M02] - IHC analysis of ARID1B in human pancreatic cancer tissue samples. Image courtesy of anonymous customer product review.



Publications

Jeffrey M, Eui-Man J, Minhan K et al. Differential roles of ARID1B in excitatory and inhibitory neural progenitors in the developing cortex. *Sci Rep.* 2021-02-16 [PMID: 33594090]

Jung EM, Moffat JJ, Liu J et al. *Arid1b* haploinsufficiency disrupts cortical interneuron development and mouse behavior. *Nat Neurosci* 2017-11-06 [PMID: 29184203]

Flores-Alcantar A, Gonzalez-Sandoval A, Escalante-Alcalde D, Lomeli H. Dynamics of expression of ARID1A and ARID1B subunits in mouse embryos and in cells during the cell cycle. *Cell Tissue Res.* 2011-06-07 [PMID: 21647563]

Xue TC, Chen RX, Ren ZG et al. Transmembrane receptor CXCR7 increases the risk of extrahepatic metastasis of relatively well-differentiated hepatocellular carcinoma through upregulation of osteopontin. *Oncol Rep* 2013-07-01 [PMID: 23636305]

Khursheed M, Kolla JN, Kotapalli V et al. ARID1B, a member of the Human SWI/SNF chromatin remodeling complex, exhibits tumour-suppressor activities in pancreatic cancer cell lines. *Br J Cancer* 2013-05-09 [PMID: 23660946] (IHC-P, Human)





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Products Related to H00057492-M02

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00057492-Q01-10ug	Recombinant Human ARID1B GST (N-Term) 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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