

# 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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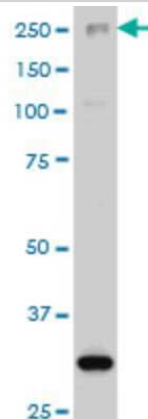


**H00057492-M02****ARID1B Antibody (2F2) - Azide and BSA Free**

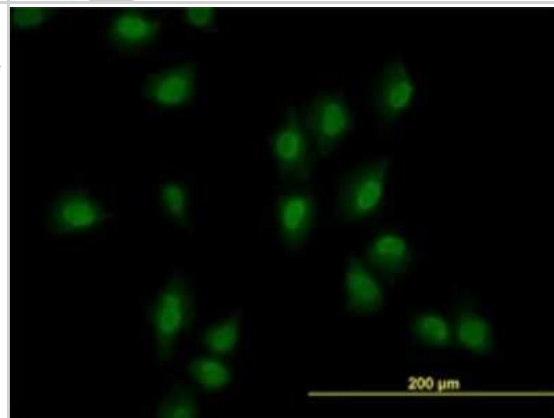
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2F2
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse ARID1B Antibody (2F2) - Azide and BSA Free (H00057492-M02) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-ARID1B Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	57492
<b>Gene Symbol</b>	ARID1B
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	ARID1B (2F2)
<b>Immunogen</b>	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 MQGPGQIQTHGIPPQMMGGPLQSSSSEGPQQNMWAARNDMYPYPYQNR
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	Antibody reactive against recominant protein and cell lysate for Western Blot. Has also been used for immunofluoresence, immunohistochemistry (paraffin), and ELISA.

## Images

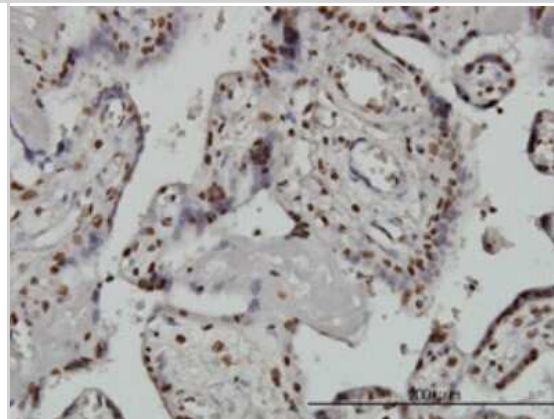
Western Blot: ARID1B Antibody (2F2) [H00057492-M02] - ARID1B monoclonal antibody (M02), clone 2F2 Analysis of ARID1B expression in HeLa S3 NE.



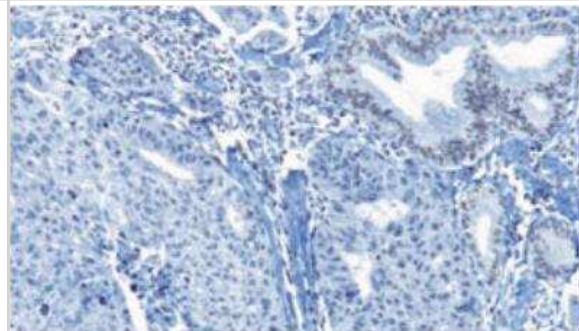
Immunocytochemistry/Immunofluorescence: ARID1B Antibody (2F2) [H00057492-M02] - Analysis of monoclonal antibody to ARID1B on HeLa cell. Antibody concentration 10 ug/ml.



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**

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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]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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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