Product Datasheet

ARID1B Antibody (2D2) - Azide and BSA Free
H00057492-M01

Unit Size: 0.1 mg

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

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Publications: 9

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
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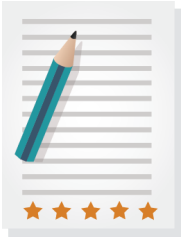
Updated 2/2/2026 v.20.1



H00057492-M01

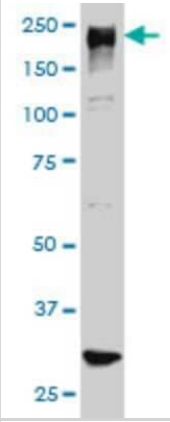
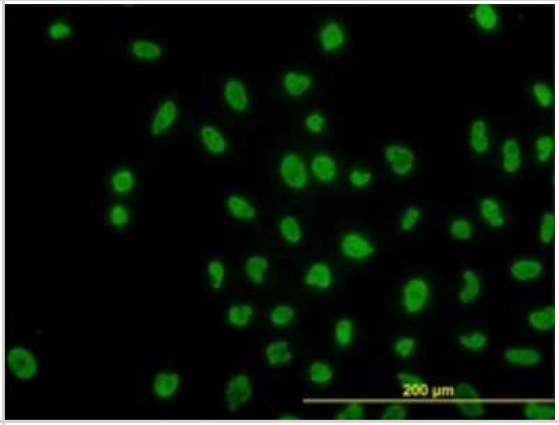
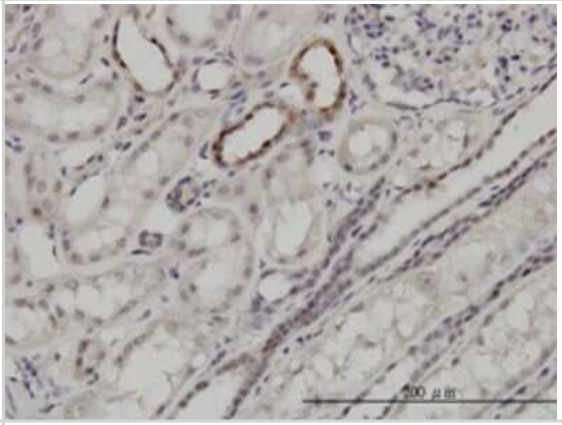
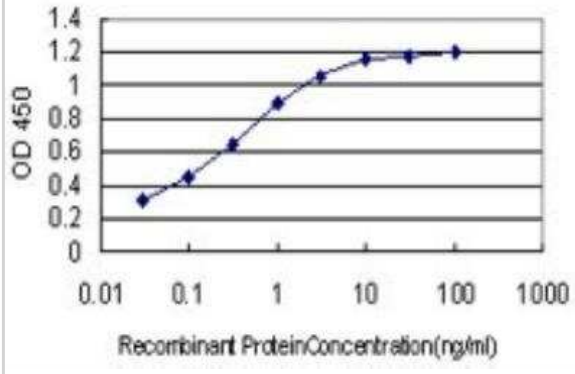
ARID1B Antibody (2D2) - Azide and BSA Free

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	2D2
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Novus Biologicals Mouse ARID1B Antibody (2D2) - Azide and BSA Free (H00057492-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-ARID1B Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	57492
Gene Symbol	ARID1B
Species	Human
Specificity/Sensitivity	ARID1B - AT rich interactive domain 1B (SWI1-like)
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 MQGPGQIQTHGIPPQMMGGPLQSSSSEGPQQNMWAARNDMPYPYQNR
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
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 cell lysate and recombinant protein for Western Blot. Has also been used for immunofluoresence, immunohistochemistry (paraffin), and ELISA.

Images

Western Blot: ARID1B Antibody (2D2) [H00057492-M01] - ARID1B monoclonal antibody (M01), clone 2D2 Analysis of ARID1B expression in Hela S3 NE.	
Immunocytochemistry/Immunofluorescence: ARID1B Antibody (2D2) [H00057492-M01] - Analysis of monoclonal antibody to ARID1B on HeLa cell. Antibody concentration 10 ug/ml.	
Immunohistochemistry-Paraffin: ARID1B Antibody (2D2) [H00057492-M01] - Analysis of monoclonal antibody to ARID1B on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.	
ELISA: ARID1B Antibody (2D2) [H00057492-M01] - Detection limit for recombinant GST tagged ARID1B is approximately 0.03ng/ml as a capture antibody.	

Publications

Yemin W, Valerie T, Chae S et al. Establishment and characterization of VOA1066 cells: An undifferentiated endometrial carcinoma cell line. PLoS One. 2020-10-14 [PMID: 33052929]

Fulton SL, Wenderski W, Lepack AE et al. Rescue of deficits by Brwd1 copy number restoration in the Ts65Dn mouse model of Down syndrome Nature communications 2022-10-26 [PMID: 36289231] (WB)

Chory EJ, Kirkland JG, Chang CY et al. Chemical Inhibitors of a Selective SWI/SNF Function Synergize with ATR Inhibition in Cancer Cell Killing ACS Chem. Biol. 2020-05-27 [PMID: 32369697]

Kobel M, Hoang LN, Tessier-Cloutier B et al. Undifferentiated Endometrial Carcinomas Show Frequent Loss of Core Switch/Sucrose Nonfermentable Complex Proteins. Am J Surg Pathol 2018-01-01 [PMID: 28863077] (Human)

Agnihotri S, Jalali S, Wilson MR et al. The genomic landscape of schwannoma. Nat Genet 2016-11-01 [PMID: 27723760]

Aso T, Uozaki H, Morita S et al. Loss of ARID1A, ARID1B, and ARID2 Expression During Progression of Gastric Cancer. Anticancer Res 2015-12-01 [PMID: 26637902]

Coatham M, Li X, Karnezis AN et al. Concurrent ARID1A and ARID1B inactivation in endometrial and ovarian dedifferentiated carcinomas. Mod Pathol 2016-08-26 [PMID: 27562491]

Yoshimoto T, Matsubara D1, Nakano T et al. Frequent loss of the expression of multiple subunits of the SWI/SNF complex in large cell carcinoma and pleomorphic carcinoma of the lung. Pathol Int. 2015-09-08 [PMID: 26345631]

Shain AH, Giacomini CP, Matsukuma K, Karikari CA, Bashyam MD, Hidalgo M, Maitra A, Pollack JR. Convergent structural alterations define SWItch/Sucrose NonFermentable (SWI/SNF) chromatin remodeler as a central tumor suppressive complex in pancreatic cancer. Proc Natl Acad Sci U S A;109(5):E252-9. 2012-01-31 [PMID: 22233809]

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Products Related to H00057492-M01

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)

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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