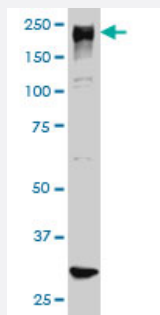


ARID1B monoclonal antibody (M01), clone 2D2

Catalog # H00057492-M01

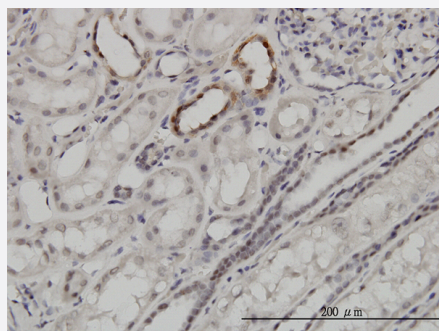
Size 100 ug

Applications



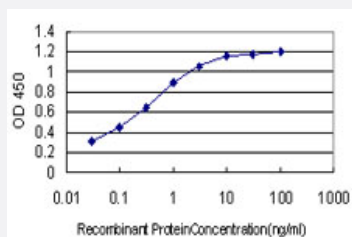
Western Blot (Cell lysate)

ARID1B monoclonal antibody (M01), clone 2D2 Western Blot analysis of ARID1B expression in HeLa S3 NE (Cat # L013V3).



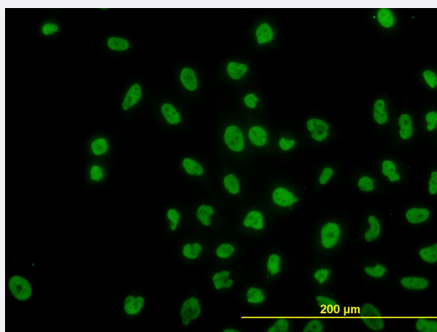
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ARID1B on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



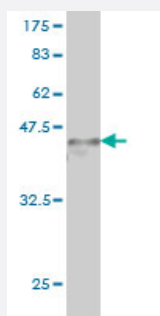
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARID1B is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to ARID1B on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.41 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ARID1B.
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.
Sequence	PPAKRHEGDMYNMQYSSQQQEMYNQYGGSYSGPDRRPIQGQYPYPYSRERMQGPGGQIQTHGIPPQMMGGPLQSSSSEGPQQNMWAARNDMPYPYQNR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ARID1B monoclonal antibody (M01), clone 2D2 Western Blot analysis of ARID1B expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ARID1B on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARID1B is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ARID1B on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ARID1B

Entrez GeneID	57492
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GeneBank Accession#	NM_017519
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Protein Accession#	NP_059989
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Gene Name	ARID1B
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Gene Alias	6A3-5, BAF250b, BRIGHT, DAN15, ELD/OSA1, KIAA1235, p250R
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Gene Description	AT rich interactive domain 1B (SWI1-like)
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Gene Ontology	Hyperlink
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Other Designations

BRG1-binding protein ELD/OSA1|Eld (eyelid)/Osa protein|OTTHUMP00000040115

Publication Reference

- [Establishment and characterization of VOA1066 cells: An undifferentiated endometrial carcinoma cell line.](#)

Yemin Wang, Valerie Lan Tao, Chae Young Shin, Clara Salamanca, Shary Yuting Chen, Christine Chow, Martin Köbel, Susana Ben-Neriah, David Farnell, Christian Steidl, Jessica N Mcalpine, C Blake Gilks, David G Huntsman.

PLoS One 2020 Oct; 15(10):e0240412.

Application: IHC, Human, Mouse, VOA1066 cells-derived mouse-xenograft tumor

- [The genomic landscape of schwannoma.](#)

Agnihotri S, Jalali S, Wilson MR, Danesh A, Li M, Klironomos G, Krieger JR, Mansouri A, Khan O, Mamatjan Y, Landon-Brace N, Tung T, Dowar M, Li T, Bruce JP, Burrell KE, Tonge PD, Alamsahebpoor A, Krischek B, Agarwalla PK, Bi WL, Dunn IF, Beroukhir R, Fehlings MG, Bril V, Pagnotta SM, Iavarone A, Pugh TJ, Aldape KD, Zadeh G.

Nature Genetics 2016 Oct; 48(11):1339.

Application: IHC, Human, Schwannoma

- [Concurrent ARID1A and ARID1B inactivation in endometrial and ovarian dedifferentiated carcinomas.](#)

Coatham M, Li X, Karnezis AN, Hoang LN, Tessier-Cloutier B, Meng B, Soslow RA, Blake Gilks C, Huntsman DG, Stewart CJ, Postovit LM, Köbel M, Lee CH.

Modern Pathology 2016 Aug; 29(12):1586.

Application: IHC, Human, Dedifferentiated carcinoma of the endometrium or the ovary

- [Loss of ARID1A, ARID1B, and ARID2 Expression During Progression of Gastric Cancer.](#)

Aso T, Uozaki H, Morita S, Kumagai A, Watanabe M.

Anticancer Research 2015 Dec; 35(12):6819.

Application: IHC, Human, Gastric tumor

- [Frequent loss of the expression of multiple subunits of the SWI/SNF complex in large cell carcinoma and pleomorphic carcinoma of the lung.](#)

Yoshimoto T, Matsubara D, Nakano T, Tamura T, Endo S, Sugiyama Y, Niki T.

Pathology International 2015 Nov; 65(11):595.

Application: IHC-P, Human, Lung cancer

Disease

- [Cognition](#)

- [Tobacco Use Disorder](#)