

Product datasheet

Anti-ARID1B antibody [2D2] ab57461

★★★★★ [2 Abreviews](#) [25 References](#) [4 Images](#)

Overview

Product name	Anti-ARID1B antibody [2D2]
Description	Mouse monoclonal [2D2] to ARID1B
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P, ICC/IF, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment: PPAKRHEGDM YNMQYSSQQQ EMYNQYGGSY SGPDRRPIQG QYPYPYSRER MQGPGQIQTH GIPPQMMGGP LQSSSSEGPQ QNMWAARNDM PYPYQNR, corresponding to amino acids 1364-1461 of Human ARID1B Run BLAST with ExPASy Run BLAST with NCBI
Positive control	ICC/IF: HepG2 cells.
General notes	<p>This product was changed from ascites to tissue culture supernatant on 12 Feb 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.40 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	2D2

Isotype	IgG2b
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab57461 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

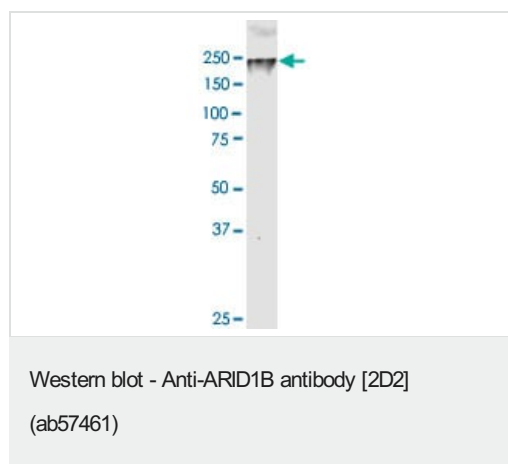
Application	Abreviews	Notes
WB	★★★★★ (1)	Use at an assay dependent concentration. Predicted molecular weight: 236 kDa.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab170192 - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

Target

Relevance ARID1B (AT-rich interactive domain-containing protein 1B) is a component of SWI/SNF chromatin remodeling complexes involved in transcriptional activation and repression of select genes by chromatin remodeling. It binds DNA non-specifically and alters DNA-nucleosome topology.

Cellular localization Nuclear

Images



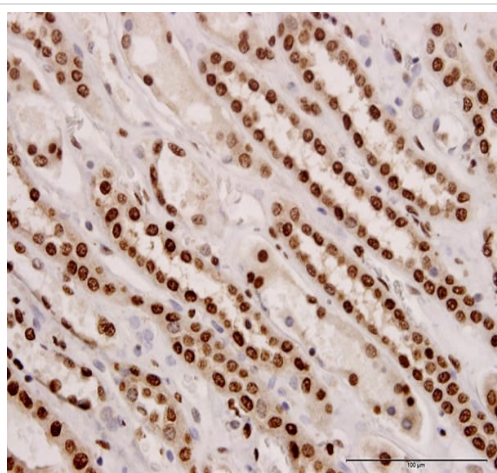
Anti-ARID1B antibody [2D2] (ab57461) at 5 µg/ml + HeLa (human cervix adenocarcinoma epithelial cell) Nuclear Extract at 50 µg

Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/5000 dilution

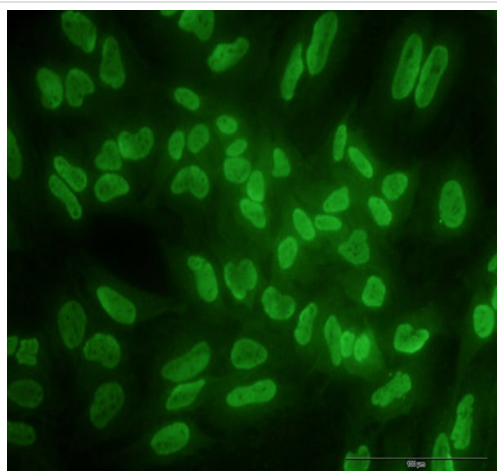
Predicted band size: 236 kDa

Blocking and diluting buffer and concentration: 5% non-fat milk/PBST (0.2%).



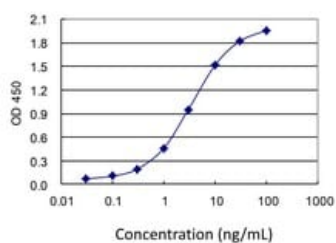
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ARID1B antibody [2D2] (ab57461)

Immunoperoxidase analysis of formalin-fixed paraffin-embedded human kidney tissue labelling ARID1B with **ab129165** at 3 $\mu\text{g/mL}$ concentration.



Immunocytochemistry/ Immunofluorescence - Anti-ARID1B antibody [2D2] (ab57461)

Immunocytochemistry/Immunofluorescence analysis of HeLa (human cervix adenocarcinoma epithelial cell) cells labelling ARID1B (Green) with **ab129165** at 10 $\mu\text{g/mL}$ concentration.



Sandwich ELISA - Anti-ARID1B antibody [2D2] (ab57461)

Sandwich ELSIA standard curve using ab57461 as a capture antibody. Detection limit for recombinant GST tagged ARID1B is 0.03 ng/mL .

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