

ARID3B mouse monoclonal antibody (hybridoma)

Catalog # H00010620-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ARID3B.
Immunogen	ARID3B (AAH60824.1, 1 a.a. ~ 253 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEPLQQQQQQQQQQKQPHLAPLQMDAREKQGQQMREAQFLYAQKLVTQPTLLSATAGRPSG STPLGPLARVPPTAAVAQVFERGNMNSEPEEEDGGLEDEDGDDEVAEVAEKETQAASKYFHVQ KVARQDPRVAPMSNLLPAPGLPPHGQQAKEDHTKDASKASPSVSTAGQPNWNLDEQLKQNGG LAWSDDADGGRGREISRDFAKLYELDGDPERKEFLDDLFFVMQKRGECASTHHSNSGNTDRVP TVC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (78)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ARID3B

Entrez GeneID	10620
GeneBank Accession#	BC060824.1
Protein Accession#	AAH60824.1
Gene Name	ARID3B
Gene Alias	BDP, DRIL2
Gene Description	AT rich interactive domain 3B (BRIGHT-like)
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ARID (AT-rich interaction domain) family of DNA-binding proteins. The encoded protein is homologous with two proteins that bind to the retinoblastoma gene product, and also with the mouse Bright and Drosophila dead ringer proteins. A pseudogene on chromosome 1p31 exists for this gene. Members of the ARID family have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation and possibly in chromatin structure modification. [provided by RefSeq]
Other Designations	AT rich interactive domain 3B AT rich interactive domain 3B (BRIGHT- like) bright and dead ringer

Publication Reference

- [Arid3b Is Critical for B Lymphocyte Development.](#)

Kurkewich JL, Klopfenstein N, Hallas WM, Wood C, Sattler RA, Das C, Tucker H, Dahl R, Cowden Dahl KD.

PLoS One 2016 Aug; 11(8):e0161468.

Application: EMSA, CO-IP, Mouse, Bcl1 B cell lymphoma cells

Disease

- [Tobacco Use Disorder](#)