

## Mouse anti-Human ARID3A Monoclonal Antibody | anti-ARID3A antibody

ARID3A (AT-rich Interactive Domain-containing Protein 3A, ARID Domain-containing Protein 3A, B Cell Regulator of IgH Transcription, Bright, Dead Ringer-like Protein 1, E2F-binding Protein 1, DRIL1, DRIL3, DRX, E2FBP1) (PE)

|                              |                      |                            |                                                                                      |
|------------------------------|----------------------|----------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA25615</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|------------------------------|----------------------|----------------------------|--------------------------------------------------------------------------------------|

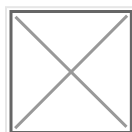
### PRODUCT SYNONYMS

ARID3A; Monoclonal Antibody; ARID3A (AT-rich Interactive Domain-containing Protein 3A; ARID Domain-containing Protein 3A; B Cell Regulator of IgH Transcription; Bright; Dead Ringer-like Protein 1; E2F-binding Protein 1; DRIL1; DRIL3; DRX; E2FBP1) (PE); anti-ARID3A antibody

### PRODUCT SPECIFICATIONS

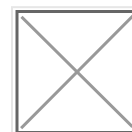
|                                                  |                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Mouse                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                                                                                                                                                                                                                       |
| Clonality                                        | Monoclonal                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype                                          | IgG1,k                                                                                                                                                                                                                                                                                                                                                                      |
| Clone Number                                     | 1A11                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity                                      | Recognizes human ARID3A.                                                                                                                                                                                                                                                                                                                                                    |
| Purity/Purification                              | Purified by Protein A Affinity Chromatography.                                                                                                                                                                                                                                                                                                                              |
| Form/Format                                      | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).                                                                                                                                                                                                                                                                              |
| Applicable Applications for anti-ARID3A antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                               |
| Application Notes                                | IF: 10ug/ml<br>Applications are based on unconjugated antibody.                                                                                                                                                                                                                                                                                                             |
| Immunogen                                        | Partial recombinant corresponding to aa317-416 from human ARID3A (NP_005215) with GST tag. MW of the GST tag alone is 26kD.                                                                                                                                                                                                                                                 |
| Immunogen Sequence                               | QYMKYLYPECEKRGLSNPNELQAAIDSNRREGRRQSFGGSLFAYSPGGAHGMLSSPKLPVSSLGLAASTNGSSITPAPKIKKEEDSAIPITVPGRLPVS                                                                                                                                                                                                                                                                         |
| Conjugate                                        | PE                                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                          | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |

### IMAGES



#### WB (Western Blot)

Western blot analysis of ARID3A over-expressed 293 cell line, cotransfected with ARID3A Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ARID3A monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



#### Application Data

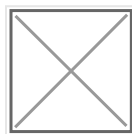
Detection limit for recombinant GST tagged ARID3A is ~0.03ng/ml as a capture antibody.

**IF (Immunofluorescence)**

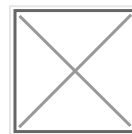
Immunofluorescence of monoclonal antibody to ARID3A on HeLa cell. [antibody concentration 10ug/ml].

**IHC (Immunohistochemistry)**

Immunoperoxidase of monoclonal antibody to ARID3A on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3ug/ml].

**WB (Western Blot)**

ARID3A monoclonal antibody, Western Blot analysis of ARID3A expression in K-562.

**WB (Western Blot)**

Western Blot detection against Immunogen (36.74kD).

## ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                     |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-ARID3A antibody | Antibodies; Binding Proteins                                                                                                                                                                        |
| References                                         | 1. Expression profiling of more than 3500 proteins of MSS-type colorectal cancer by stable isotope labeling and mass spectrometry. Kang UB, Yeom J, Kim HJ, Kim H, Lee C.J Proteomics. 2011 Nov 26. |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4885193                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 1820                                                                                                                                                                                                                                                           |
| NCBI Accession #                 | NP_005215                                                                                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_005224                                                                                                                                                                                                                                                      |
| UniProt Accession #              | Q99856; Q51858; Q6P9C6; Q8IZA7; Q8N4Z3                                                                                                                                                                                                                         |
| Molecular Weight                 | 62,889 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | AT-rich interactive domain-containing protein 3A                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | AT rich interactive domain 3A (BRIGHT-like)                                                                                                                                                                                                                    |
| NCBI Official Symbol             | ARID3A                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | DRIL1; DRIL3; BRIGHT; E2FBP1                                                                                                                                                                                                                                   |
| NCBI Protein Information         | AT-rich interactive domain-containing protein 3A; ARID domain-containing 3A; ARID domain-containing protein 3A; AT rich interactive domain 3A (BRIGHT-like) protein; B-cell regulator of IgH transcription; E2F-binding protein 1; dead ringer-like 1; dead ri |
| UniProt Protein Name             | AT-rich interactive domain-containing protein 3A                                                                                                                                                                                                               |
| UniProt Gene Name                | <b>ARID3A</b>                                                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | DRIL1; DRIL3; DRX; E2FBP1; ARID domain-containing protein 3A; Bright                                                                                                                                                                                           |
| UniProt Entry Name               | ARI3A_HUMAN                                                                                                                                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/arid3a-antibody-clone-1a11-immunofluorescence-immunohistochemistry-western-blot-elisa/25615>