

ARID1A / SMARCF1 Antibody

Mouse Monoclonal Antibody [Clone ARID1A/7736]

Catalog No	Format	Size
8289-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
8289-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
8289-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

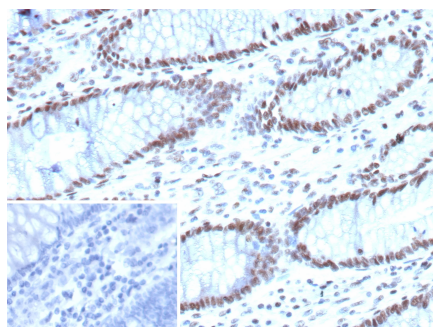
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

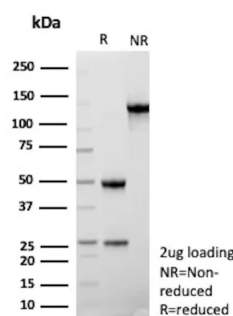
Clone	ARID1A/7736
Gene Name	ARID1A
Immunogen	Recombinant fragment (around aa1800-2000) of human ARID1A protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	165-320kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Highly expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon, and PBL, and at a much lower level in heart, brain, placenta, lung, liver, skeletal muscle, kidney, and pancreas.

*Optimal dilution for a specific application should be determined.

Product Images for ARID1A / SMARCF1 Antibody



Formalin-fixed, paraffin-embedded human colon stained with SMARCF1 Mouse Monoclonal Antibody (ARID1A/7736). Inset: PBS instead of primary antibody; secondary only negative control.



SDS-PAGE Analysis Purified ARIDA Mouse Monoclonal Antibody (ARID1A/7736). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

The SWI-SNF complex is involved in the activation of transcription via the remodeling of nucleosome structure in an ATP-dependent manner. Brm (also designated SNF2a) and Brg-1 (also designated SNF2b) are the ATPase subunits of the mammalian SWI-SNF complex. Brm, Brg-1, Ini1 (integrase interactor 1, also designated SNF5), BAF155 (also designated SRG3) and BAF170 are thought to comprise the functional core of the SWI-SNF complex. Addition of Ini1, BAF155 and BAF170 to Brg-1 appears to increase remodeling activity. Other complex subunits, such as BAF250a (p270 or ARID1A) and BAF250b (ARID1B), are thought to play regulatory roles.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Nuclear Marker, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
