

Mouse anti-Human SMARCA4 / BRG1 Monoclonal Antibody | anti-SMARCA4 antibody

Mouse Monoclonal [clone BRG-01] (IgG2a) to Human SMARCA4 / BRG1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51910	Mouse	Human	Western Blot, Immunohistochemistry

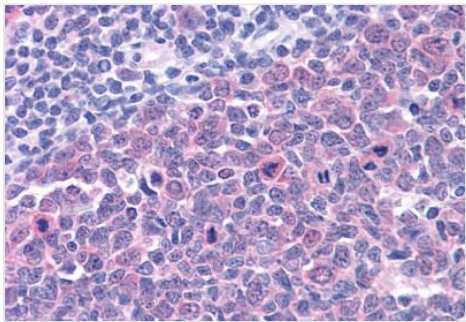
PRODUCT SYNONYMS

SMARCA4 / BRG1; Monoclonal Antibody; Mouse Monoclonal [clone BRG-01] (IgG2a) to Human SMARCA4 / BRG1; Anti-SMARCA4 / BRG1 Antibody (C-Terminus; clone BRG-01) IHC-plus; SMARCA4; ATP-dependent helicase SMARCA4; BAF190; BRG1-associated factor 190A; Brahma protein-like 1; BRG1; BRM/SWI2-related gene 1; HSNF2b; MRD16; Protein BRG-1; SNF2-like 4; SNF2LB; SNF2-BETA; SNF2B; SWI2; Nuclear protein GRB1; SNF2; SNF2L4; Human SMARCA4; anti-SMARCA4 antibody

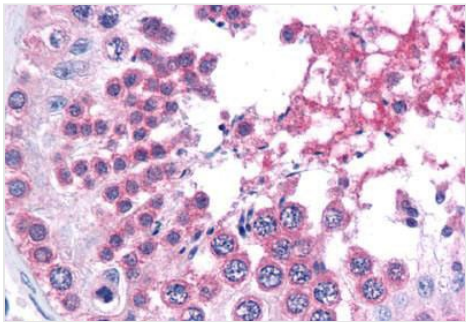
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	BRG-01
Specificity	The antibody BRG-01 recognizes an epitope within C-terminal part of human Brg1, a 205 kD catalytic subunit of SWI2/SNF2-family chromatin-remodeling complexes.
Purity/Purification	Protein A Purified
Form/Format	PBS, 15 mM sodium azide, pH 7.4. Sourced in Ascites.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1647
Applicable Applications for anti-SMARCA4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Bacterially produced GST-fused protein representing 242 C-terminal amino acids of human Brg1.
Immunogen	SMARCA4 / BRG1 antibody was raised against bacterially produced GST-fused protein representing 242 C-terminal amino acids of human Brg1.
Antigen Modification	C-Terminus
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

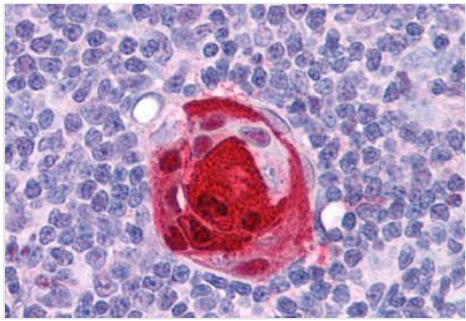
IMAGES



IHC (Immunohistochemisry)
Anti-SMARCA4 / BRG1 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohiostchemistry)
Anti-SMARCA4 / BRG1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohistochemistry)
Anti-SMARCA4 / BRG1 antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21071056
NCBI GeneID	6597
NCBI Accession #	NP_003063.2
NCBI GenBank Nucleotide #	NM_003072.3
UniProt Accession #	P51532; O95052; Q9HBD3; B1A8Z4; B1A8Z5; B1A8Z6; B1A8Z7; E9PBR8
Molecular Weight	181,261 Da
NCBI Official Full Name	transcription activator BRG1 isoform B
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4
NCBI Official Symbol	SMARCA4
NCBI Official Synonym Symbols	BRG1; SNF2; SWI2; MRD16; RTPS2; BAF190; SNF2L4; SNF2LB; hSNF2b; BAF190A
NCBI Protein Information	transcription activator BRG1; SNF2-beta; SNF2-like 4; protein BRG-1; nuclear protein GRB1; brahma protein-like 1; BRM/SWI2-related gene 1; homeotic gene regulator; protein brahma homolog 1; BRG1-associated factor 190A; sucrose nonfermenting-like 4; ATP-dependent helicase SMARCA4; mitotic growth and transcription activator; global transcription activator homologous sequence
UniProt Protein Name	Transcription activator BRG1
UniProt Gene Name	SMARCA4
UniProt Synonym Gene Names	BAF190A; BRG1; SNF2B; SNF2L4; BAF190A

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/smarca4-brg1-antibody-clone-brg-01-western-blot-immunohistochemistry-elisa/51910>