

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

Mouse monoclonal antibody Anti-Human SMARCA4

CATALOG # AAA36343	HOST Mouse	REACTIVITY Human	APPLICATIONS Dot Blot
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PRODUCT SYNONYMS

SMARCA4; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human SMARCA4; SWI/SNF related; matrix associated; actin dependent regulator of chromatin; subfamily a; member 4 (SMARCA4); BRG1; BAF190; SNF2L4; SNF2LB; hSNF2b;SNF2-BETA; anti-SMARCA4 antibody

PRODUCT SPECIFICATIONS

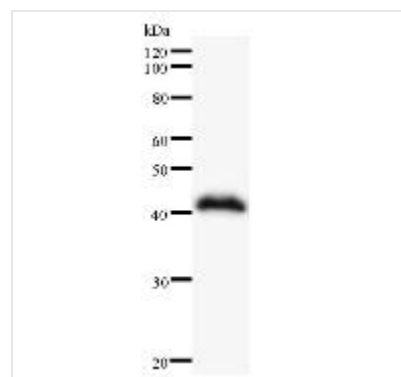
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	SMAR9G1F9
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	5703
Applicable Applications for anti-SMARCA4 antibody	DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-SMARCA4 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SMARCA4 antibody	The protein encoded by this gene is a member of the SWI/SNF family of proteins and is similar to the brahma protein of Drosophila. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. In addition, this protein can bind BRCA1, as well as regulate the expression of the tumorigenic protein CD44. Alternatively spliced transcripts have been found for this gene, but their full-length natures have not been determined. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	192807310
NCBI GeneID	6597
NCBI Accession #	NP_003063.2
NCBI GenBank Nucleotide #	NM_003072
Molecular Weight	181,261 Da
NCBI Official Full Name	Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 (SMARCA4), transcript variant 3, mRNA
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; ATP-dependent helicase SMARCA4; BRG1-associated factor 190A; BRM/SWI2-related gene 1; SNF2-beta; SNF2-like 4; brahma protein-like 1; global transcription activator homologous sequence; homeotic gene regulator; mitotic growth and transcription activator; nuclear protein GRB1; protein BRG-1; protein brahma homolog 1; sucrose nonfermenting-like 4
UniProt Protein Name	Transcription activator BRG1
UniProt Gene Name	SMARCA4
UniProt Entry Name	SMCA4_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/smarca4-antibody-clone-smar9g1f9-dot-blot-elisa/36343>