

Mouse anti-Human Integrase interactor 1 (INI-1)/SNF5/SMARCB1 Monoclonal Antibody | anti-SMARCB1 antibody

Integrase interactor 1 (INI-1)/SNF5/SMARCB1 Mouse Monoclonal Antibody [Clone SMARCB1/3984]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215921	Mouse	Human	Immunohistochemistry

PRODUCT SYNONYMS

Integrase interactor 1 (INI-1)/SNF5/SMARCB1; Monoclonal Antibody; Integrase interactor 1 (INI-1)/SNF5/SMARCB1 Mouse Monoclonal Antibody [Clone SMARCB1/3984]; BRG1-associated factor 47 (BAF47); hSNF5; Malignant rhabdoid tumor suppressor; RDT; RTPS1; Sfh1p; Snr1; Sucrose nonfermenting yeast homolog like 1; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1; SWI10; Transcription factor TYE4; Transcription regulatory protein SNF5; anti-SMARCB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b, kappa
Clone Number	SMARCB1/3984
Form/Format	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.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-SMARCB1 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment (around aa 65-184) of human SMARCB1 protein (exact sequence is proprietary)
Cellular Localization	Nucleus
Positive Control	Human brain, astrocytoma or kidney.
Hu-chromosome Location	22q11.23
Unigene	534350
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human testis stained with INI-1 Mouse Monoclonal Antibody (SMARCB1/3984) at 2ug/ml. Inset: PBS instead of primary antibody, secondary negative control.

ADDITIONAL INFORMATION

Related Product Information for anti-SMARCB1 antibody	The INI-1 gene, which encodes a functionally uncharacterized protein component of the hSWI/SNF chromatin remodeling complex, is often mutated or deleted in malignant rhabdoid tumor (MRT). Two isoforms of INI-1, that differ by the variable inclusion of amino acids, potentially are produced by differential RNA splicing. The morphology of MRTs can present challenges in differential identification. The overall survival of MRTs relative to its potential mimics (medulloblastoma, supratentorial primitive neuroectodermal tumors (sPNETs) is quite low, and thus differentiation from these other tumors is desirable. Lack of nuclear labeling by anti-INI-1 is characteristic of MRT. The majority of medulloblastomas and sPNETs are labeled by anti-INI-1. MRTs also originate from the kidney and soft tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55956801
NCBI GeneID	6598
NCBI Accession #	NP_001007469.1
NCBI GenBank Nucleotide #	NM_001007468.1
UniProt Accession #	Q12824; O75784; O95474; Q17S11; Q38GA1; Q76N08; Q9UBH2; AAB34227
Molecular Weight	385
NCBI Official Full Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1 isoform b
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1
NCBI Official Symbol	SMARCB1
NCBI Official Synonym Symbols	RDT; INI1; SNF5; Snr1; BAF47; MRD15; RTPS1; Sfh1p; hSNFS; SNF5L1
NCBI Protein Information	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1; hSNF5; SNF5 homolog; BRG1-associated factor 47; integrase interactor 1 protein; malignant rhabdoid tumor suppressor; sucrose nonfermenting, yeast, homolog-like
UniProt Protein Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1
UniProt Gene Name	SMARCB1
UniProt Synonym Gene Names	BAF47; INI1; SNF5L1; BAF47; hSNF5
UniProt Entry Name	SNF5_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.