

Recombinant Integrase interactor 1 (INI-1) / SNF5 / SMARCB1 Antibody

Mouse Monoclonal Antibody [Clone rSMARCB1/4588]

Catalog No	Format	Size
6598-MSM8-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6598-MSM8-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6598-MSM8-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

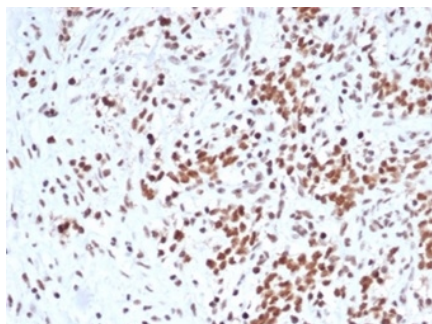
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

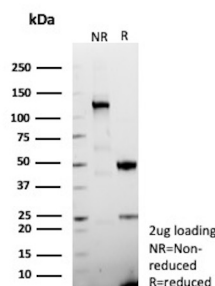
Clone	rSMARCB1/4588
Gene Name	SMARCB1
Immunogen	Recombinant fragment of mouse BAF47 protein (around aa257-359) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	47kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	kidney or astrocytoma., Ubiquitous nuclear expression. Human brain

*Optimal dilution for a specific application should be determined.

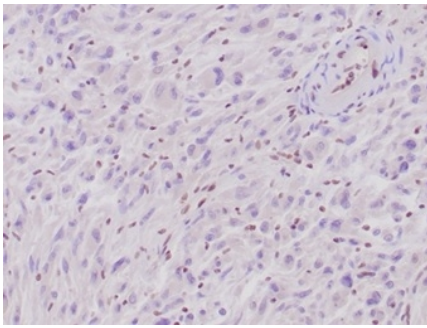
Product Images for Recombinant Integrase interactor 1 (INI-1) / SNF5 / SMARCB1 Antibody



Formalin-fixed, paraffin-embedded human Ewing sarcoma stained with INI-1 Recombinant Mouse Monoclonal Antibody (rSMARCB1/4588). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis of Purified SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1 Recombinant Mouse Monoclonal Antibody (rSMARCB1/4588). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human epithelioid sarcoma stained with INI-1 Recombinant Mouse Monoclonal Antibody (rSMARCB1/4588). Note loss of nuclear expression in tumor cells and retained positivity in normal cells.

Specificity & Comments

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 diagnosis. 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.

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.

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
