

Product datasheet for **AM10099SU-N**

SNF5 (SMARCB1) Mouse Monoclonal Antibody [Clone ID: 25]

Product data:

Product Type:	Primary Antibodies
Clone Name:	25
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections: 1/50-1/100 Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Use Polymer anti Mouse/Rabbit IgG as a detection system. <i>Positive Control:</i> Brain or astrocytoma.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse BAF47 amino acids 257-359
Specificity:	Lack of nuclear labeling by anti-INI-1 is characteristic of MRT. The majority of medulloblastomas and sPNETs are labeled by anti-INI-1 antibody. MRTs also originate from the kidney and soft tissues. Cellular Localization: Nuclear.
Formulation:	State: Supernatant State: Liquid Tissue Culture Supernatant with 0.2% BSA and 15mM Sodium Azide.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1
Database Link:	Entrez Gene 3623 Human Entrez Gene 6598 Human Q12824



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Background:

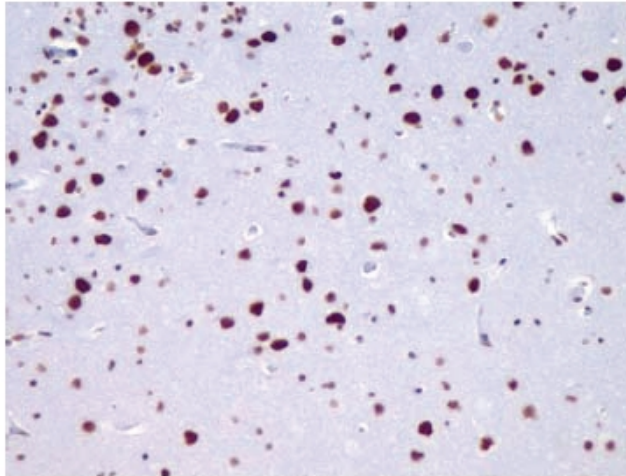
The INI-1 gene, which encodes a functionally uncharacterized protein component of the hSWI/SNF chromatin remodeling complex, is often mutated or deleted in malignant rhabdoid tumor (MRT). Two isoforms of INI-1, that differ by the variable inclusion of amino acids, potentially are produced by differential 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.

Synonyms:

Integrase interactor 1 protein, INI1, SNF5 homolog, SNF5L1, BAF47

Protein Families:

Druggable Genome, Secreted Protein

Product images:

Formalin-Fixed, Paraffin-Embedded Human astrocytoma stained with INI1 antibody Cat.-No. AM10099SU-N using peroxidase conjugate and DAB chromogen. Note the nuclear staining of malignant glial cells.