

Rabbit Anti-INI1/SNF5/BAF47 [MD152R]: RM0286, RM0286RTU7

Intended Use: For Research Use Only

Description: The INI1 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 INI1 or SNF5 or BAF47, 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-INI1 is characteristic of MRT. The majority of medulloblastomas and sPNETs are labeled by anti-INI1. MRTs also originate from the kidney and soft tissues.

Specifications:

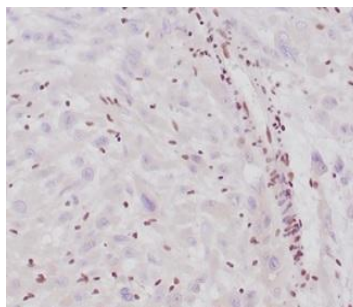
Clone:	MD152R
Source:	Rabbit
Isotype:	IgG
Reactivity:	Human
Immunogen:	Amino acids 257-359 of human INI1
Localization:	Nucleus
Formulation:	Antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN ₃)
Storage:	Store at 2°- 8°C
Applications:	IHC
Package:	

Description	Catalog No.	Size
INI1/SNF5/BAF47 Concentrated	RM0286	1 ml
INI1/SNF5/BAF47 Prediluted	RM0286RTU7	7 ml

IHC Procedure*:

Positive Control Tissue:	Brain, kidney, colon carcinoma, lung carcinoma, SCC of cervix tissue
Concentrated Dilution:	50-200
Pretreatment:	Tris EDTA pH9.0, 15 minutes Pressure Cooker or 30-60 minutes water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human epithelioid sarcoma stained with anti-INI1 using DAB

References:

1. Immunoreactivity for Ca 125 and INI1 loss of expression are useful markers in the diagnosis of vulvar proximal-type epithelioid sarcomas: report of two cases. Cossu A, et al. Eur J Gynaecol Oncol. 34(5):469-72, 2013.
2. Specificity and sensitivity of INI-1 labeling in epithelioid sarcoma. Loss of INI1 expression as a frequent immunohistochemical event in synovial sarcoma. Mularz K, et al. Pol J Pathol. Nov;63(3):179-83, 2012.
3. Intra-articular epithelioid sarcoma showing mixed classic and proximal-type features: report of 2 cases, with immunohistochemical and molecular cytogenetic INI-1 study. Kosemehmetoglu K, et al. Am J Surg Pathol. Jun;35(6):891-7, 2011.

Doc. 100-RM0286

Rev. A