

INI-1 (AB1552) mouse mAb

W0355

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- IHC; WB; IF; ELISA

MW

- 44 kDa (calculated)
- 44 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:100-1:500 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1552

Immunogen A synthetic peptide corresponding to the amino acid region 300 - 385 of the human INI - 1 protein.

Specificity The antibody can specifically recognize human INI-1 protein, including INI-1A and INI-1B. In western blotting of HeLa and LnCap cell lysates, the antibody can label two bands with molecular weight of 44, 43 kDa representing INI-1A and INI-1B.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name SMARCB1

Protein Name INI-1

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q12824	6598

Background INI1 is located on chromosome 22q11. 23 and encodes an important core subunit in SWI / SNF complex. It appears in all SWI / SNF complexes and is expressed in all normal cells. When the gene was mutated, the expression of INI1 was lost. This condition occurs in most malignant rhabdoid tumors and epithelioid sarcoma, renal medullary carcinoma, epithelioid malignant schwannoma, myoepithelial carcinoma, extraosseous myxoid chondrosarcoma and other tumors.