

## Datasheet

### SMARCB1 monoclonal antibody (M01), clone 3E10

**Catalog Number:** H00006598-M01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant SMARCB1.

**Clone Name:** 3E10

**Immunogen:** SMARCB1 (NP\_003064, 81 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

YTTLATSVTLLKASEVEEILDGNDEKYKAVSISTEPPTY  
LREQKAKRNSQWVPTLPNSSHHLDAVPCSTTINRNM  
GRDKKRTFPLCFDDHDPVAVIHENA

**Host:** Mouse

**Reactivity:** Human, Mouse, Rat

**Applications:** ELISA, IHC-P, S-ELISA, WB-Ce, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6598

**Gene Symbol:** SMARCB1

**Gene Alias:** BAF47, INI1, RDT, SNF5, SNF5L1, Sfh1p, Snr1, hSNFS

**Gene Summary:** The protein encoded by this gene is part of a complex that relieves repressive chromatin structures, allowing the transcriptional machinery to

access its targets more effectively. The encoded nuclear protein may also bind to and enhance the DNA joining activity of HIV-1 integrase. This gene has been found to be a tumor suppressor, and mutations in it have been associated with malignant rhabdoid tumors. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**References:**

1. IGFBP7 Is Not Required for B-RAF-Induced Melanocyte Senescence. Scurr LL, Pupo GM, Becker TM, Lai K, Schrama D, Haferkamp S, Irvine M, Scolyer RA, Mann GJ, Becker JC, Kefford RF, Rizos H. Cell. 2010 May 14;141(4):717-27.