
Product Name: SMARCA2 Mouse Monoclonal Antibody**Catalog #: AMM82992**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:200-1:400,ICC 1:25-1:50,FC 1:200-1:400
Molecular Weight	181.3kDa

Antigen Information

Gene Name	SMARCA2
Alternative Names	BIS;BRM;SNF2;SWI2;hBRM;NCBRS;Sth1p;BAF190;SNF2L2;SNF2LA;hSNF2a
Gene ID	6595.0
SwissProt ID	P51531
Immunogen	A synthetic peptide of human SMARCA2/BRM

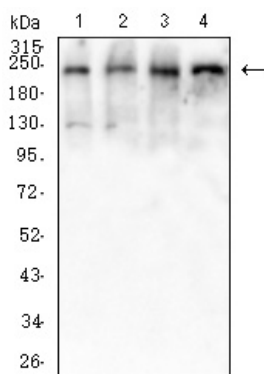
Background

The protein encoded by this gene is a member of the SWI/SNF family of proteins and is highly similar to the brahma protein of *Drosophila*. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent

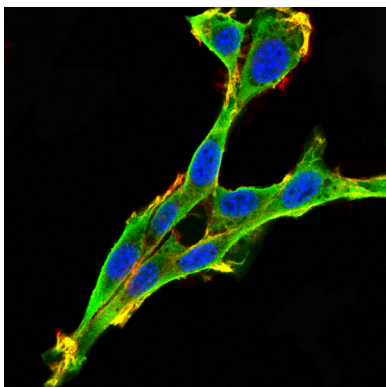
chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, which contains a trinucleotide repeat (CAG) length polymorphism. [provided by RefSeq, Jan 2014]

Research Area

Image Data



Western blot analysis using SMARCA2 mouse mAb against HeLa(1),HEK293(2),HepG2(3),A431(4)cell lysate.



Confocal Immunofluorescence analysis of NIH3T3 cells using SMARCA2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.