

Rat anti-Human, Mouse SMARCA2/BRM Monoclonal Antibody | anti-SMARCA2/BRM antibody

SMARCA2/BRM antibody (mAb)(Clone 1H7A10)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59933	Rat	Human, Mouse	Western Blot, Immunofluorescence, Immunocytochemistry, Chromatin Immunoprecipitation, Immunoprecipitation

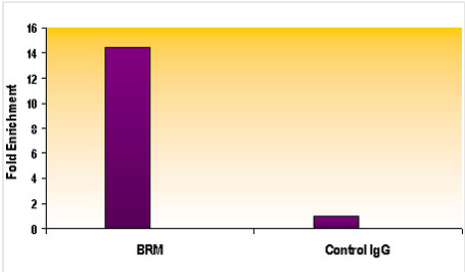
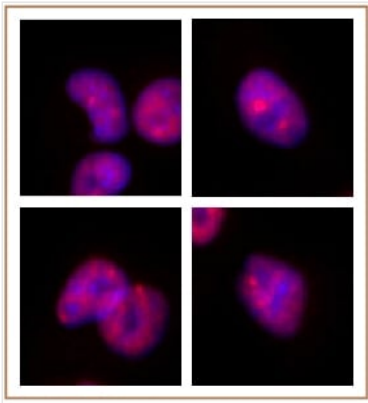
PRODUCT SYNONYMS

SMARCA2/BRM; Monoclonal Antibody; SMARCA2/BRM antibody (mAb)(Clone 1H7A10); Snf2l2; brahma; SNF2alpha; anti-SMARCA2/BRM antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1H7A10
Purity/Purification	Protein G Chromatography
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Concentration	1ug/ul (varies by lot)
Applicable Applications for anti-SMARCA2/BRM antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), ChIP (Chromatin immunoprecipitation)
Immunogen	This SMARCA2/BRM antibody was raised against a recombinant protein corresponding to amino acids 48-214 of mouse BRM.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



ChIP (Chromatin Immunoprecipitation)
SMARCA2 / BRM antibody (mAb) tested by ChIP. Chromatin IP performed using the ChIP-IT Express Kit and HeLa Chromatin (1.5 x 10⁶ cell equivalents per ChIP) using 10 ug of SMARCA2 / BRM antibody or the equivalent amount of rat IgG as a negative control. Real time, quantitative PCR (RT-qPCR) was performed on DNA purified from each of the ChIP reactions using a primer pair specific for the CD44 gene. Data are presented as Fold Enrichment of the ChIP antibody signal versus the negative control IgG using the ddCT method.

IF (Immunofluorescence)
SMARCA2 / BRM antibody (mAb) tested by Immunofluorescence. Formaldehyde fixed HeLa cells stained with SMARCA2 / BRM antibody at a 0.5 ug/ml dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SMARCA2/BRM antibody	Short Description: Our SMARCA2/BRM antibody (mAb)(Clone 1H7A10) was raised in a Rat host. It has been validated for use in Chromatin Immunoprecipitation, Immunocytochemistry, Immunofluorescence and Western blot; it has been shown to react with Human and Mouse samples. Background: SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 (SMARCA2), also known as BRM, is a member of the SWI/SNF family of ATP-dependant chromatin remodeling proteins. SMARCA2 is the catalytic subunit of a multi-subunit protein complex that utilizes the energy from ATP hydrolysis to alter chromatin structure and activate transcription.
Product Categories/Family for anti-SMARCA2/BRM antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	190kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/smarca2-brm-antibody-clone-1h7a10-western-blot-immunofluorescence-immunocytochemistry-chromatin-immunoprecipitation-elisa/59933>