

Mouse anti-Human SMARCC1/BAF155 Monoclonal Antibody | anti-SMARCC1 antibody

SMARCC1/BAF155 Mouse Monoclonal Antibody [Clone PCRP-SMARCC1-1F1]

CATALOG # AAA215923	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay
-------------------------------	----------------------	----------------------------	---

PRODUCT SYNONYMS

SMARCC1/BAF155; Monoclonal Antibody; SMARCC1/BAF155 Mouse Monoclonal Antibody [Clone PCRP-SMARCC1-1F1]; A1115498; BRG1-associated factor 155 (BAF155); Chromatin remodeling complex BAF155 subunit (CRACC1); Mammalian chromatin remodeling complex BRG1 associated factor 155; Rsc8; SRG3; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1; anti-SMARCC1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b
Clone Number	PCRP-SMARCC1-1F1
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-SMARCC1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human SMARCC1 protein
Cellular Localization	Nucleus
Positive Control	HeLa, K562 or Jurkat cells.
Hu-chromosome Location	3p21.31
Unigene	476179
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



FCM/FACS (Flow Cytometry)

Flow Cytometric Analysis of PFA-fixed HeLa cells. SMARCC1 Mouse Monoclonal Antibody (PCRP-SMARCC1-1F1) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-SMARCC1 antibody	The SWI/SNF complex is involved in the activation of transcription via the remodeling of nucleosome structure in an ATP-dependent manner. Brm (also designated SNF1 or SNF2alpha) and Brg-1 (also designated SNF2 or SNF2beta) are the ATPase subunits of the mammalian SWI/SNF complex. Brm, Brg-1, Ini1 (integrase interactor 1, also designated SNF5), BAF155 (also designated SRG3) and BAF170 are thought to comprise the functional core of the SWI/SNF complex. Addition of Ini1, BAF155 and BAF170 to Brg-1 appears to increase remodeling activity. Other complex subunits are thought to play regulatory roles. hSNF2L and hSNF2H both appear to be homologs of Drosophila ISWI, a Brm related ATPase that is present in chromatin remodeling complexes other than SWI/SNF, including the NURF (nucleosome remodeling factor).
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	188536047
NCBI GeneID	6599
NCBI Accession #	NP_003065
NCBI GenBank Nucleotide #	NM_003074
UniProt Accession #	Q92922; Q17RS0; Q6P172; Q8IWH2
Molecular Weight	122,867 Da
NCBI Official Full Name	SWI/SNF complex subunit SMARCC1
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1
NCBI Official Symbol	SMARCC1
NCBI Official Synonym Symbols	Rsc8; SRG3; SWI3; BAF155; CRACC1
NCBI Protein Information	SWI/SNF complex subunit SMARCC1; BRG1-associated factor 155; SWI/SNF complex 155 kDa subunit; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1; chromatin remodeling complex BAF155 subunit; mammalian chromatin r
UniProt Protein Name	SWI/SNF complex subunit SMARCC1
UniProt Gene Name	SMARCC1
UniProt Synonym Gene Names	BAF155; BAF155
UniProt Entry Name	SMRC1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/smarcc1-baf155-antibody-clone-pcrp-smarcc1-1f1-immunofluorescence-flow-cytometry-elisa/215923>