SMARCC1 / BAF155 Antibody

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

Catalog No	Format	Size
6599-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6599-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6599-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

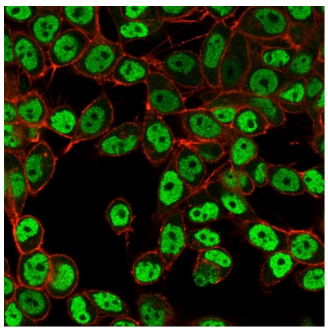
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

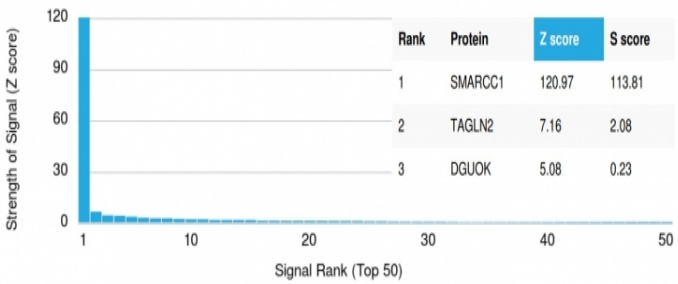
Clone	PCRP-SMARCC1-1F1
Gene Name	SMARCC1
Immunogen	Recombinant full-length human SMARCC1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b
Mol. Weight of Antigen	123kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	HeLa, K562 or Jurkat cells.

**Optimal dilution for a specific application should be determined.*

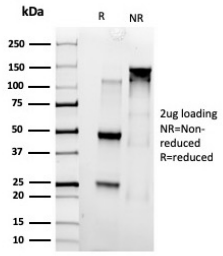
Product Images for SMARCC1 / BAF155 Antibody



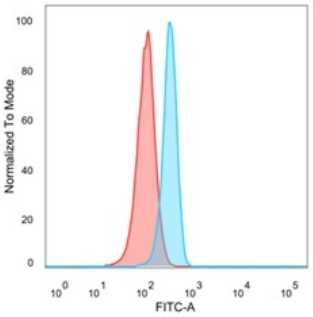
Immunofluorescent Analysis of PFA-fixed HeLa cells. SMARCC1 Mouse Monoclonal Antibody (PCRP-SMARCC1-1F1) followed by IgG-CF488 (green), counterstained with phalloidin.



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing SMARCC1 / BAF155 Mouse Monoclonal Antibody (PCRP-SMARCC1-1F1). Z- and S-Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



SDS-PAGE Analysis. Purified SMARCC1 Mouse Monoclonal Antibody (PCRP-SMARCC1-1F1). Confirmation of Purity and Integrity of Antibody.



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).

Specificity & Comments

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 SNF2?) and Brg-1 (also designated SNF2 or SNF2?) 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).

Supplied As

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.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.