Anti-SMARCC1 Antibody [PCRP-SMARCC1-1F1] (A249984)

Specifications:

Name:	Anti-SMARCC1 Antibody [PCRP-SMARCC1-1F1]
Description:	Mouse monoclonal [PCRP-SMARCC1-1F1] antibody to SMARCC1.
Specificity:	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) 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).
Applications:	Flow Cytometry, IF
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human SMARCC1 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PCRP-SMARCC1-1F1
Isotype:	IgG2b
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-SMARCC1 Antibody [PCRP-SMARCC1-1F1] - BSA and Azide free (A253164).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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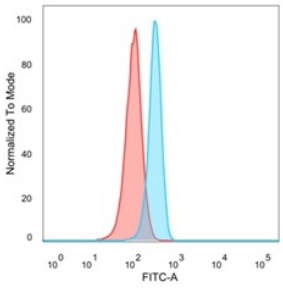
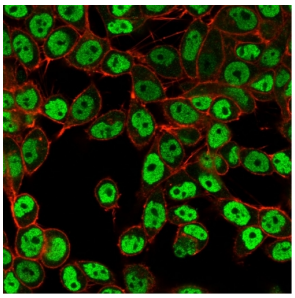
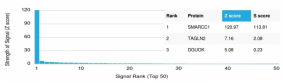
Images:



Flow cytometric analysis of PFA fixed HeLa cells using Anti-SMARCC1 Antibody [PCRP-SMARCC1-1F1] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Unstained cells (red).



Immunofluorescent analysis of PFA fixed HeLa cells stained with Anti-SMARCC1 Antibody [PCRP-SMARCC1-1F1] followed by Goat Anti-Mouse IgG (CF® 488) (Green). Counterstain is Phalloidin.



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-SMARCC1 Antibody [PCRP-SMARCC1-1F1]. Z-Score 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 be 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.

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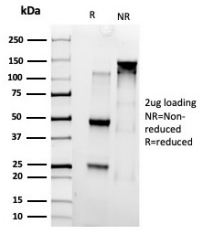
Images continued:



SDS-PAGE analysis of Anti-SMARCC1 Antibody [PCRP-SMARCC1-1F1] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.