

SMARCA5 Recombinant Mouse mAb

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Catalog # AP94355

Product Information

Application	WB, IF, ICC
Host	Rabbit
Clonality	Recombinant
Calculated MW	122 KDa
Physical State	Liquid
Isotype	IgG2b/Kappa
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Belongs to the SNF2/RAD54 helicase family. ISWI subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain. Contains 2 SANT domains.
DISEASE	Developmental stage;Overexpressed in CD34-positive erythrocyte progenitor cells in acute myeloid leukemia. Down-regulation correlates with hematologic remission following chemotherapy.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a member of the SWI/SNF family of proteins. 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 protein encoded by this gene is a component of the chromatin remodeling and spacing factor RSF, a facilitator of the transcription of class II genes by RNA polymerase II. The encoded protein is similar in sequence to the Drosophila ISWI chromatin remodeling protein. [provided by RefSeq, Jul 2008]

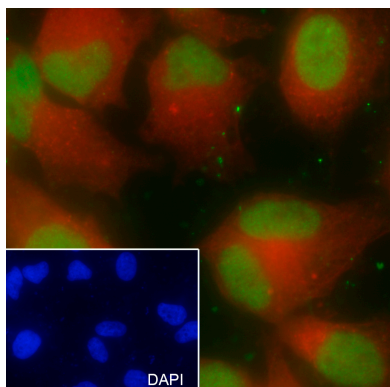
Additional Information

Target/Specificity	Ubiquitously expressed.
Dilution	WB=1:500-1:2000,ICC/IF=1:50-1:100
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

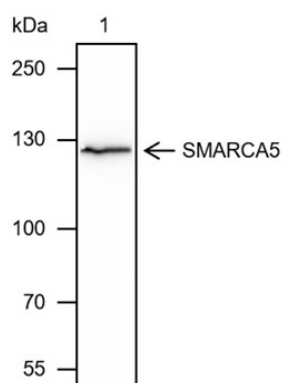
Background

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Images



Cell line: HeLa Fixative: 4% Paraformaldehyde
Permeabilization: 0.1% TritonX-100 Primary Ab dilution:
1:100 Primary incubation condition: 4°C overnight
Secondary Ab: Goat Anti-Mouse IgG Nuclear counter
stain: DAPI (Blue) Counter stain: Tubulin (Red) Comment:
Color green is the positive signal for AP94355



Blocking buffer: 5% NFDM/TBST Primary Ab dilution:
1:2000 Primary Ab incubation condition: 2 hours at room
temperature Secondary Ab: Goat Anti-Mouse IgG H&L
(HRP) Lysate: 1: MCF-7 Protein loading quantity: 20 µg
Exposure time: 60 s Predicted MW: 120 kDa Observed
MW: 120 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.