

Mouse RAP1A Monoclonal Antibody | anti-RAP1A antibody

RAP1A Mouse mAb

CATALOG # AAA268530	HOST Mouse	APPLICATIONS ELISA, Western Blot, Flow Cytometry, Functional Assay
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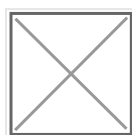
PRODUCT SYNONYMS

RAP1A; Monoclonal Antibody; RAP1A Mouse mAb; RAP1; KREV1; KREV-1; SMGP21; anti-RAP1A antibody

PRODUCT SPECIFICATIONS

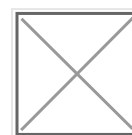
Host	Mouse
Clonality	Monoclonal
Clone Number	5F8G2
Form/Format	Purified antibody in PBS with 0.05% sodium azide.
Applicable Applications for anti-RAP1A antibody	ELISA, WB (Western Blot), FCM/FACS (Flow Cytometry)
Preparation and Storage	4 degree C; -20 degree C for long term storage.

IMAGES



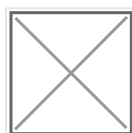
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of A431 cells using RAP1A mouse mAb (green) and negative control (red).



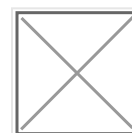
ELISA

Black line: Control Antigen (100 ng);Purple line: Antigen(10ng);Blue line: Antigen (50ng);Red line: Antigen (100 ng).



WB (Western Blot)

Western blot analysis using RAP1A mAb against HEK293(1) and RAP1A (AA:28-180)-hIgGFc transfected HEK293(2) cell lysate.



WB (Western Blot)

Western blot analysis using RAP1A mAb against human RAP1A recombinant protein.(Expected MW is 43.2 kDa).

ADDITIONAL INFORMATION

Related Product Information for anti-RAP1A antibody

The product of this gene belongs to the family of RAS-related proteins. These proteins share approximately 50% amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between RAP proteins and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. The product of this gene counteracts the mitogenic function of RAS because it can interact with RAS GAPs and RAF in a competitive manner.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58331202
NCBI GeneID	5906

NCBI Accession #	NP_001010935.1
NCBI GenBank Nucleotide #	NP_001010935.1
UniProt Accession #	P62834
NCBI Official Full Name	ras-related protein Rap-1A
NCBI Official Synonym Full Names	RAP1A, member of RAS oncogene family
NCBI Official Symbol	RAP1A
NCBI Official Synonym Symbols	RAP1; C21KG; G-22K; KREV1; KREV-1; SMGP21
NCBI Protein Information	ras-related protein Rap-1A
UniProt Protein Name	Ras-related protein Rap-1A
UniProt Gene Name	RAP1A
UniProt Synonym Gene Names	KREV1
UniProt Entry Name	RAP1A_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rap1a-antibody-clone-5f8g2-western-blot-flow-cytometry-elisa/268530>