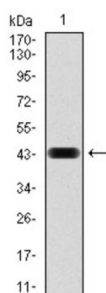
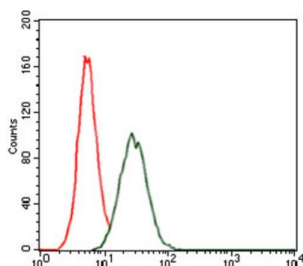


Ras-Related Protein Rap-1A (RAP1A) Antibody

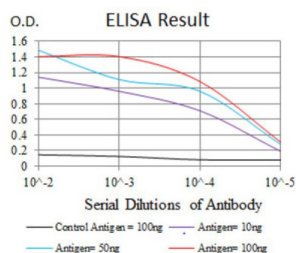
Catalogue No.: abx015976



Western blot analysis using RAP1A antibody against human RAP1A (AA: 28-180) recombinant protein. (Expected MW is 21 kDa).



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



Flow cytometric analysis of HeLa cells using RAP1A antibody (green) and negative control (red).

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. Two transcript variants encoding the same protein have been identified for this gene.

Target: Ras-Related Protein Rap-1A (RAP1A)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, FCM

Host: Mouse

Datasheet

Version: 3.0.0
Revision date: 24 Jul 2025



Recommended dilutions: ELISA: 1/10000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human RAP1A expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Purified from ascites by Protein G chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P62834 ([UniProt](#), [ExPASy](#))

Gene Symbol: RAP1A

GeneID: [5906](#)

OMIM: [179520](#)

HGNC: 9855

KEGG: hsa:5906

Ensembl: ENSG00000116473

String: [9606.ENSP00000358723](#)

Molecular Weight: 43.2 kDa

Buffer: PBS, containing 0.05% sodium azide.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.