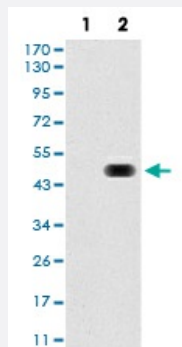


# RAP1A monoclonal antibody, clone 5F8G2

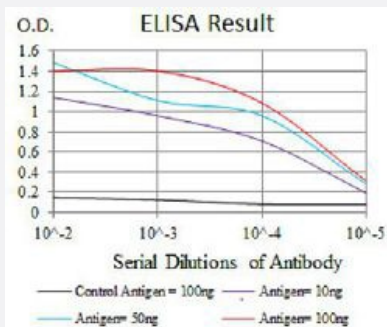
Catalog # MAB17718      Size 100 ug

## Applications



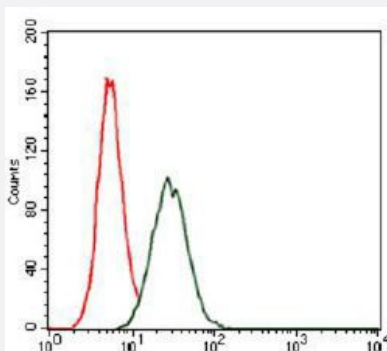
### Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) RAP1A-hlgGf transfected HEK293 cell lysate with RAP1A monoclonal antibody.



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of RAP1A monoclonal antibody, clone 5F8G2.



### Flow Cytometry

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

## Specification

### Product Description

Mouse monoclonal antibody raised against recombinant human RAP1A.

Immunogen	Recombinant protein corresponding to human RAP1A from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	43.2
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) RAP1A-hlgGfc transfected HEK293 cell lysate with RAP1A monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of RAP1A monoclonal antibody, clone 5F8G2.

- Flow Cytometry

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

## Gene Info — RAP1A

Entrez GeneID	<a href="#">5906</a>
Gene Name	RAP1A
Gene Alias	KREV-1, KREV1, RAP1, SMGP21

Gene Description	RAP1A, member of RAS oncogene family
Omim ID	<a href="#">179520</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000013740 OTTHUMP00000013741 OTTHUMP00000059089 RAS-related protein RAP1A Ras-related protein Krev-1 Ras-related protein Rap-1A

## Pathway

- [Chemokine signaling pathway](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Renal cell carcinoma](#)

## Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Osteoporosis](#)
- [Thyroid Neoplasms](#)