

## ARG45507 anti-RAP1GDS1 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes RAP1GDS1
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RAP1GDS1
Species	Human
Immunogen	Recombinant protein containing to human RAP1GDS1.
Conjugation	Un-conjugated
Alternate Names	RAP1GDS1; Rap1 GTPase-GDP Dissociation Stimulator 1; SmgGDS; SMG P21 Stimulatory GDP/GTP Exchange Protein; RAP1, GTP-GDP Dissociation Stimulator 1; Exchange Factor SmgGDS; SMG GDS Protein; SMGGDS; GDS1

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	66 kDa	

### Properties

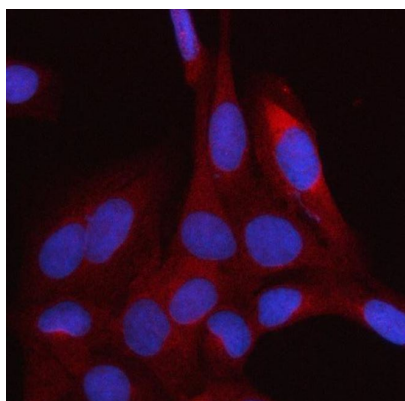
Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

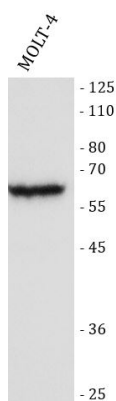
Gene Symbol	RAP1GDS1
Gene Full Name	Rap1 GTPase-GDP Dissociation Stimulator 1
Background	The smg GDP dissociation stimulator (smgGDS) protein is a stimulatory GDP/GTP exchange protein with GTPase activity (Riess et al., 1993 [PubMed 8262526]).[supplied by OMIM, Feb 2010]
Function	Acts as a GEF (guanine nucleotide exchange factor) for the Rho family of small GTP-binding proteins (G proteins) that stimulates the dissociation of GDP to enable subsequent binding of GTP [UniProt]
Calculated Mw	66 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Cytoplasm; Endoplasmic reticulum; Mitochondrion; Nucleus. [UniProt]

## Images



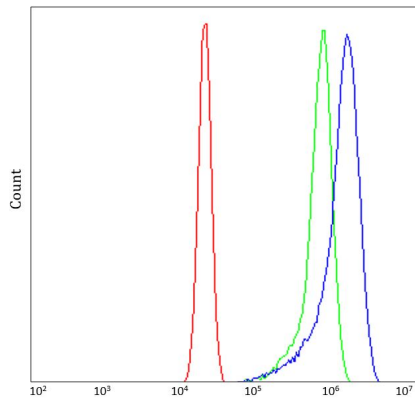
ARG45507 anti-RAP1GDS1 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45507 anti-RAP1GDS1 antibody at 5 µg/ml dilution.



ARG45507 anti-RAP1GDS1 antibody WB image

Western blot: MOLT-4 stained with ARG45507 anti-RAP1GDS1 antibody at 0.5 µg/ml dilution.



#### ARG45507 anti-RAP1GDS1 antibody FACS image

Flow Cytometry: U2OS stained with ARG45507 anti-RAP1GDS1 antibody at  $1 \mu\text{g}/10^6$  cells dilution.