

For Research Use Only

# RAP1GDS1 Monoclonal antibody

Catalog Number:60940-1-Ig



## Basic Information

<b>Catalog Number:</b> 60940-1-Ig	<b>GenBank Accession Number:</b> BC001851	<b>Purification Method:</b> Protein G purification
<b>Source:</b> Mouse	<b>GeneID (NCBI):</b> 5910	<b>CloneNo.:</b> 1E4H12
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> P52306	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Immunogen Catalog Number:</b> AG32728	<b>Full Name:</b> RAP1, GTP-GDP dissociation stimulator 1	
	<b>Calculated MW:</b> 66 kDa	
	<b>Observed MW:</b> 55-66 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : LNCaP cells, Jurkat cells, K-562 cells, MOLT-4 cells, U2OS cells
<b>Species Specificity:</b> human	

## Background Information

GDS stimulates the GDP/GTP exchange reaction of a group of small GTP-binding proteins (G proteins), including at least c-Ki-ras p21, smg p21A, smg p21B, rhoA p21 and rhoB p21, by stimulating the dissociation of GDP from and the subsequent binding of GTP to each small G protein. The small GTPase Rap1, which is activated by a large variety of stimuli, functions in the control of integrin-mediated cell adhesion. RAP1GDS1 (synonym: GDS1) is one of RAP1 GTP-GDP dissociation stimulators.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

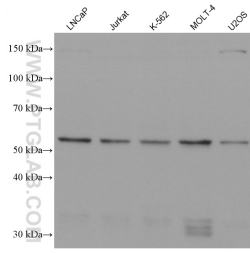
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60940-1-Ig (RAP1GDS1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.