

For Research Use Only

# RAP1B Monoclonal antibody

Catalog Number: 67174-1-Ig



## Basic Information

<b>Catalog Number:</b> 67174-1-Ig	<b>GenBank Accession Number:</b> BC000176	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1900 µg/ml	<b>GeneID (NCBI):</b> 5908	<b>CloneNo.:</b> 2E7G11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P61224	<b>Recommended Dilutions:</b> WB 1:2000-1:8000 IHC 1:50-1:200 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> RAP1B, member of RAS oncogene family	
<b>Immunogen Catalog Number:</b> AG29212	<b>Calculated MW:</b> 21 kDa	
	<b>Observed MW:</b> 21 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, IHC, ELISA

**Species Specificity:**  
Human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB:** HeLa cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells, HEK-293 cells, HepG2 cells, Jurkat cells

**IHC:** human oesophagus cancer tissue,

**IF:** HeLa cells,

## Background Information

### Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

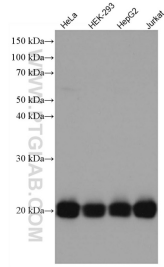
T: 4006900926

E: Proteintech-CN@ptglab.com

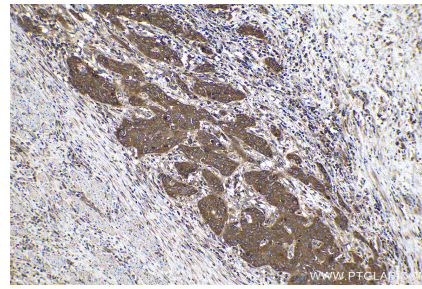
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

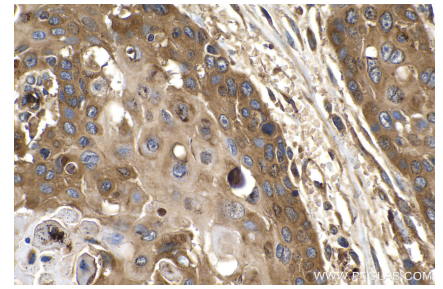
## Selected Validation Data



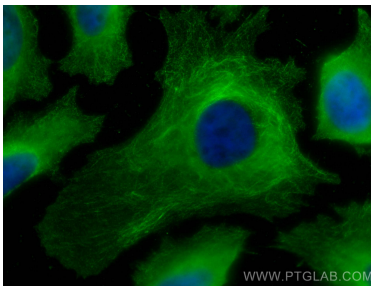
Various lysates were subjected to SDS PAGE followed by western blot with 67174-1-Ig (RAP1B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 67174-1-Ig (RAP1B antibody) at dilution of 1:1 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 67174-1-Ig (RAP1B antibody) at dilution of 1:1 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using RAP1B antibody (67174-1-Ig, Clone: 2E7G11) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).