

For Research Use Only

# RAB3D Monoclonal antibody

Catalog Number: 67118-1-Ig



## Basic Information

<b>Catalog Number:</b> 67118-1-Ig	<b>GenBank Accession Number:</b> BC016471	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9545	<b>CloneNo.:</b> 3C2F10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O95716	<b>Recommended Dilutions:</b> WB 1:5000-1:20000 IHC 1:500-1:2000 IF/ICC 1:400-1:1600
<b>Isotype:</b> IgG2a	<b>Full Name:</b> RAB3D, member RAS oncogene family	
<b>Immunogen Catalog Number:</b> AG16784	<b>Calculated MW:</b> 219 aa, 24 kDa	
	<b>Observed MW:</b> 28 kDa	

## Applications

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

**Species Specificity:**  
Human

**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 :** NCI-H1299 cells, A549 cells, HT-29 cells, THP-1 cells

**IHC :** human colon cancer tissue,

**IF/ICC :** A549 cells,

## Storage

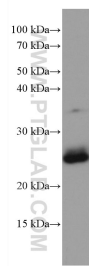
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

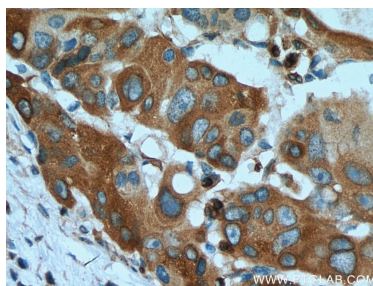
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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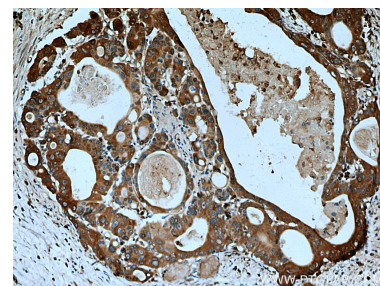
## Selected Validation Data



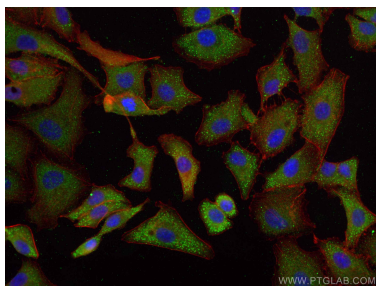
NCI-H1299 cells were subjected to SDS PAGE followed by western blot with 67118-1-Ig (RAB3D antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67118-1-Ig (RAB3D antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67118-1-Ig (RAB3D antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using RAB3D antibody (67118-1-Ig, Clone: 3C2F10 ) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).