

For Research Use Only

# IQGAP1 Monoclonal antibody, PBS Only



Catalog Number: 68588-1-PBS

## Basic Information

<b>Catalog Number:</b> 68588-1-PBS	<b>GenBank Accession Number:</b> BC151834	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 8826	<b>CloneNo.:</b> 2E11A2
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000140575	
<b>Isotype:</b> IgG2a	<b>UNIPROT ID:</b> P46940	
<b>Immunogen Catalog Number:</b> AG19321	<b>Full Name:</b> IQ motif containing GTPase activating protein 1	
	<b>Calculated MW:</b> 189 kDa	
	<b>Observed MW:</b> 190-195 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, rat

## Background Information

IQGAP1 is a member of a family of scaffolding proteins that interact with signaling and structural molecules. It localizes to sites of cell-cell contact in epithelial cells and regulates distinct cellular processes including cell adhesion, cell migration, extracellular signals through interacting with numerous protein. Multiple studies have shown that IQGAP1 is up-regulated in many human malignancies, such as lung cancer, ovarian cancer, colon cancer, breast cancer, melanoma and HCC. And IQGAP1 plays a critical role in cancer cell invasion.

## Storage

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

**Storage Buffer:**  
PBS only

Aliquoting is unnecessary for -20°C storage

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

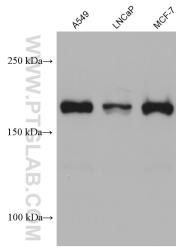
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

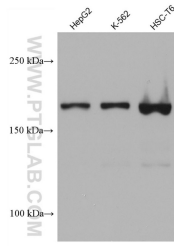
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68588-1-Ig (IQGAP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68588-1-PBS in a different storage buffer formulation.



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