

For Research Use Only

IQGAP1 Monoclonal antibody, PBS Only

Catalog Number: 68588-1-PBS



Basic Information

Catalog Number: 68588-1-PBS	GenBank Accession Number: BC151834	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8826	CloneNo.: 2E11A2
Source: Mouse	ENSEMBL Gene ID: ENSG00000140575	
Isotype: IgG2a	UNIPROT ID: P46940	
Immunogen Catalog Number: AG19321	Full Name: IQ motif containing GTPase activating protein 1	
	Calculated MW: 189 kDa	
	Observed MW: 190-195 kDa	

Applications

Tested Applications:
WB, IHC, 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 -80°C.

Storage Buffer:
PBS Only

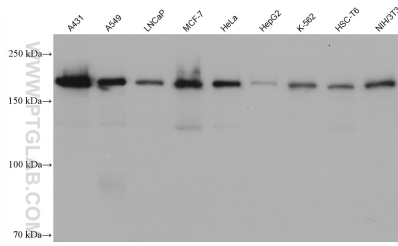
For technical support and original validation data for this product please contact:

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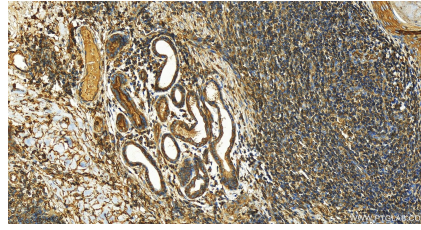
E: proteintech@ptglab.com
W: ptglab.com

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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 1:20000 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.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 68588-1-Ig (IQGAP1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68588-1-PBS in a different storage buffer formulation.