

For Research Use Only

CoraLite® Plus 488-conjugated IQGAP1 Recombinant monoclonal antibody

Catalog Number: CL488-85651



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-85651	BC151834	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100μl, Concentration: 1000 ug/ml by Nanodrop;	8826	242206G2
Source:	ENSEMBL Gene ID:	Recommended Dilutions:
Rabbit	ENSG00000140575	IF/ICC: 1:50-1:500
Isotype:	UNIPROT ID:	Excitation/Emission maxima
IgG	P46940	wavelengths:
Immunogen Catalog Number:	Full Name:	493 nm / 522 nm
AG19321	IQ motif containing GTPase activating protein 1	
	Calculated MW:	
	189 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : MCF-7 cells, A431 cells
Species Specificity:	
human	

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.

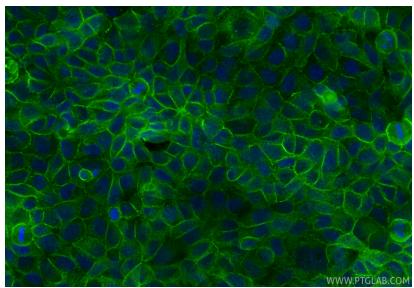
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

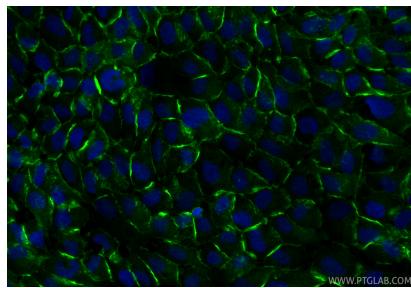
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using Coralite® Plus 488 IQGAP1 antibody (CL488-85651, Clone: 242206G2) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using Coralite® Plus 488 IQGAP1 antibody (CL488-85651, Clone: 242206G2) at dilution of 1:200.