

For Research Use Only

# CoraLite® Plus 488-conjugated IQGAP1 Polyclonal antibody



Catalog Number: CL488-22167

Featured Product

## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>CL488-22167                             | <b>GenBank Accession Number:</b><br>BC151834                            | <b>Purification Method:</b><br>Antigen affinity purification          |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by<br>Nanodrop; | <b>GeneID (NCBI):</b><br>8826   | <b>Recommended Dilutions:</b><br>IF 1:50-1:500                        |
| <b>Source:</b><br>Rabbit  | <b>Full Name:</b><br>IQ motif containing GTPase<br>activating protein 1 | <b>Excitation/Emission maxima<br/>wavelengths:</b><br>493 nm / 522 nm |
| <b>Isotype:</b><br>IgG  | <b>Calculated MW:</b><br>189 kDa  |   |
| <b>Immunogen Catalog Number:</b><br>AG17821                       | <b>Observed MW:</b><br>190-195 kDa                                      |   |

## Applications

|   |   |
|---|---|
| <b>Tested Applications:</b><br>IF           | <b>Positive Controls:</b><br>IF : A549 cells, |
| <b>Species Specificity:</b><br>human, mouse |   |

## 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, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

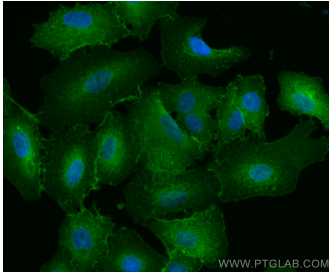
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using Coralite® Plus 488 IQGAP1 antibody (CL488-22167) at dilution of 1:200.