

For Research Use Only

# CoraLite®594-conjugated ARHGDIB Monoclonal antibody

Catalog Number: CL594-66054



## Basic Information

### Catalog Number:

CL594-66054

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### Source:

Mouse

### Isotype:

IgG2b

### Immunogen Catalog Number:

AG9091

### GenBank Accession Number:

BC009200

### GeneID (NCBI):

397

### UNIPROT ID:

P52566

### Full Name:

Rho GDP dissociation inhibitor (GDI) beta

### Calculated MW:

201 aa, 23 kDa

### Observed MW:

27 kDa

### Purification Method:

Protein A purification

### CloneNo.:

3E7B7

### Recommended Dilutions:

IF-P 1:50-1:500

### Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

## Applications

### Tested Applications:

IF-P

### Species Specificity:

human

### Positive Controls:

IF-P : human tonsillitis tissue,

## Background Information

ARHGDIB, also known as RhoGDI2, is a conserved member of the RhoGDI family and plays an important role in cell migrations. It regulates the GDP/GTP exchange reaction of the Rho proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them. It is mainly in hematopoietic, endothelial, and epithelial cells. It has been linked to tumorigenesis and metastasis. RhoGDI2 expression is downregulated in several cancer types, such as bladder, lung and lymphoma, but is upregulated in prostate and gastric cancer.

## 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

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

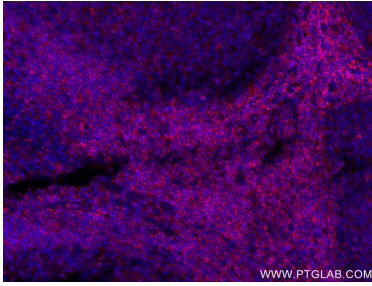
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CoraLite®594 ARHGDIB antibody (CL594-66054, Clone: 3E7B7 ) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).