

For Research Use Only

ARHGDI2 Monoclonal antibody, PBS Only



Catalog Number: 66054-1-PBS

Basic Information

Catalog Number:

66054-1-PBS

Size:

1 mg/ml

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 G purification

CloneNo.:

3E7B7

Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF

Species Specificity:

human, mouse, rat

Background Information

ARHGDI2, 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 -80°C.

Storage Buffer:

PBS Only

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

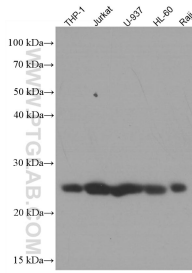
T: 4006900926

E: Proteintech-CN@ptglab.com

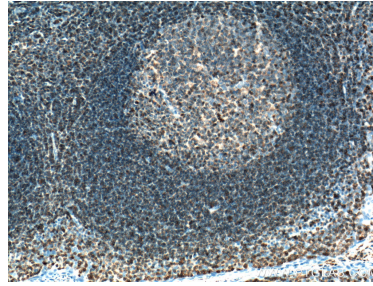
W: ptgcn.com

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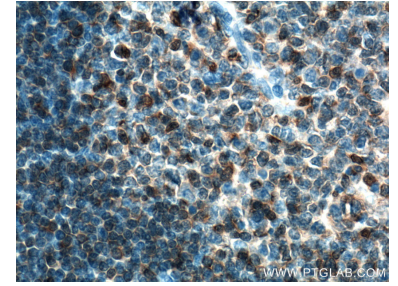
Selected Validation Data



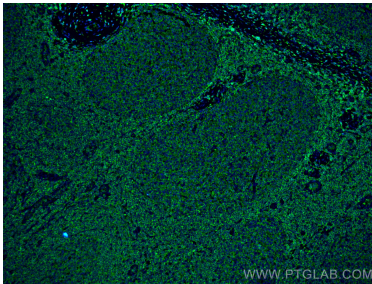
Various lysates (25 μ g/lane) were subjected to SDS PAGE followed by western blot with 66054-1-Ig (ARHGDI B antibody) at dilution of 1:200000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66054-1-PBS in a different storage buffer formulation.



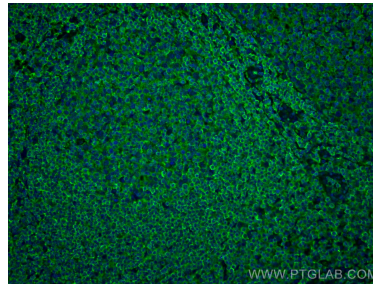
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66054-1-Ig (ARHGDI B antibody) at dilution of 1:10000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66054-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66054-1-Ig (ARHGDI B antibody) at dilution of 1:10000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66054-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using ARHGDI B antibody (66054-1-Ig, Clone: 3E7B7) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66054-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using ARHGDI B antibody (66054-1-Ig, Clone: 3E7B7) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66054-1-PBS in a different storage buffer formulation.