

For Research Use Only

RGS13 Polyclonal antibody, PBS Only

Catalog Number:12396-1-PBS



Basic Information

Catalog Number:

12396-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3077

GenBank Accession Number:

BC016667

GeneID (NCBI):

6003

UNIPROT ID:

O14921

Full Name:

regulator of G-protein signaling 13

Calculated MW:

159 aa, 19 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IHC, IP, Indirect ELISA

Species Specificity:

human

Background Information

Regulator of G-protein signaling 13 (RGS13) is an R4 subfamily member that attenuates both Gai and Gaq-dependent signaling including chemokine responses in B cells (PMID: 11875076, PMID: 12193720). RGS13 interacted with both Gialpha and Gqalpha and strongly impaired signaling through G(i)-linked signaling pathways, including signaling through the chemokine receptors CXCR4 and CXCR5 (PMID: 12193720). Human mast cells express multiple RGS proteins, of which RGS13 is among the most abundant (PMID: 19017978).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

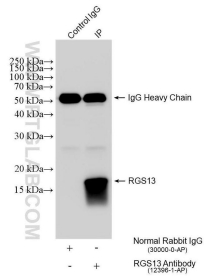
For technical support and original validation data for this product please contact:

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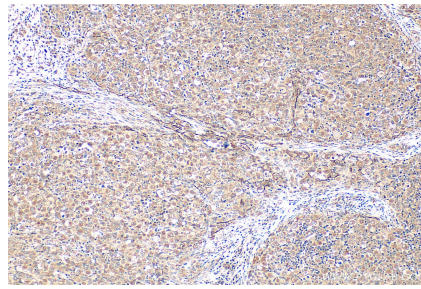
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W: ptglab.com

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Selected Validation Data



IP result of anti-RGS13 (IP:12396-1-AP, 4ug; Detection:12396-1-AP 1:500) with Ramos cells lysate 1680 ug. This data was developed using the same antibody clone with 12396-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 12396-1-AP (RGS13 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12396-1-PBS in a different storage buffer formulation.