

For Research Use Only

Anti-Rat CXCL7/PPBP Rabbit Recombinant Antibody

Catalog Number: 98497-3-RR



Basic Information

Catalog Number:

98497-3-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3405

GenBank Accession Number:

NM_153721.1

GeneID (NCBI):

246358

UNIPROT ID:

Q99ME0

Full Name:

pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)

Calculated MW:

12 kDa

Purification Method:

Protein A purification

CloneNo.:

250049B8

Recommended Dilutions:

FC (Intra): 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC (Intra)

Species Specificity:

rat

Positive Controls:

FC (Intra) : Transfected HEK-293T cells,

Background Information

PPBP, also named as NAP2, or β -Thromboglobulin, is a platelet-derived growth factor that belongs to the CXC chemokine family. This growth factor is a potent chemoattractant and activator of neutrophils. It has been shown to stimulate various cellular processes including DNA synthesis, mitosis, glycolysis, intracellular cAMP accumulation, prostaglandin E2 secretion, and synthesis of hyaluronic acid and sulfated glycosaminoglycan. It also stimulates the formation and secretion of plasminogen activator by synovial cells.

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

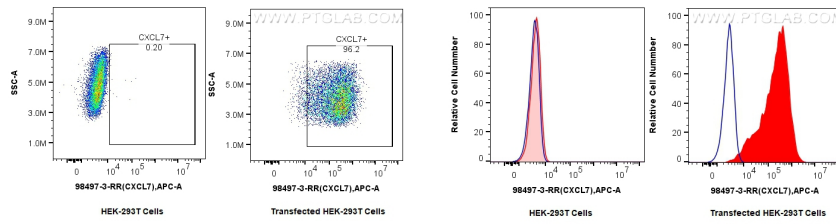
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Selected Validation Data



1x10⁶ HEK-293T cells or CXCL7/PPBP transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Rat CXCL7/PPBP Rabbit RecAb (98497-3-RR, Clone: 250049B8) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

1x10⁶ HEK-293T cells or CXCL7/PPBP transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Rat CXCL7/PPBP Rabbit RecAb (98497-3-RR, Clone: 250049B8) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.