

For Research Use Only

Anti-Rat CXCL7/PPBP Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98497-3-PBS



Basic Information

Catalog Number: 98497-3-PBS	GenBank Accession Number: NM_153721.1	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 246358	CloneNo.: 250049B8
Source: Rabbit	UNIPROT ID: Q99ME0	
Isotype: IgG	Full Name: pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)	
Immunogen Catalog Number: EG3405	Calculated MW: 12 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
rat

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

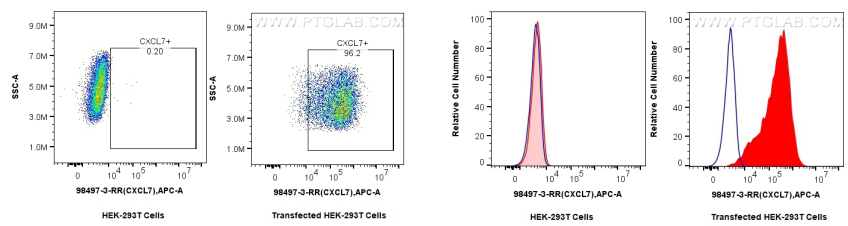
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 98497-3-PBS in a different storage buffer formulation.

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. This data was developed using the same antibody clone with 98497-3-PBS in a