

For Research Use Only

Anti-Rat IL-12A/IL-12 p35 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98594-2-PBS



Basic Information

Catalog Number: 98594-2-PBS	GenBank Accession Number: NM_053390.1	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 84405	CloneNo.: 250739E10
Source: Rabbit	UNIPROT ID: Q9R103	
Isotype: IgG	Full Name: interleukin 12a	
Immunogen Catalog Number: EG3823	Calculated MW: 24 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, rat

Background Information

IL-12 is a heterodimeric cytokine composed of two glycosylated and disulfide-linked subunits (p40 cysteine-linked to p35). IL-12 is a potent regulator of cell mediated immune responses and it induces IFN-gamma production by NK and T cells. It is produced by activated monocytes/macrophage cells, B lymphocytes, and connective tissue type mast cells (PMID: 24821971; 7612223).

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:

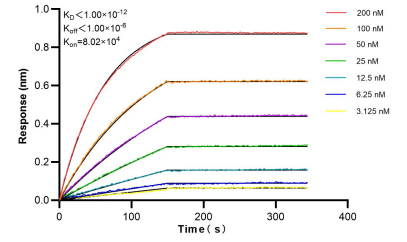
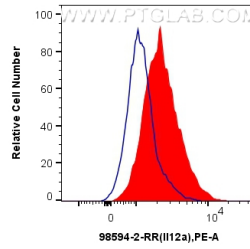
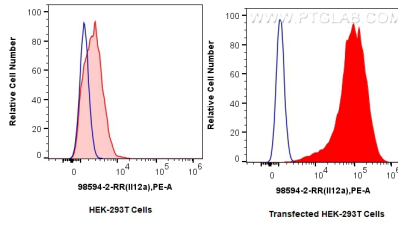
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Selected Validation Data



1x10⁶ HEK-293T cells (left) or IL-12A/IL-12 p35 Transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Rat IL-12A/IL-12 p35 Rabbit RecAb (98594-2-RR, Clone:250739E10) and PE-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using

1x10⁶ C6 cells were intracellularly stained with 0.25 ug Anti-Rat IL-12A/IL-12 p35 Rabbit RecAb (98594-2-RR, Clone: 250739E10) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone with 98594-2-PBS in a different storage

Biolayer interferometry (BLI) kinetic assays of 98594-2-RR against Rat IL-12A/IL-12 p35 were performed. The affinity constant is below 1 pM.