

For Research Use Only

Anti-Mouse IL-23 p19 Rabbit Recombinant Antibody

Catalog Number: 98392-1-RR **1 Publications**



Basic Information

Catalog Number: 98392-1-RR	GenBank Accession Number: NM_031252.2	Purification Method: Protein A purification
Concentration: 100ug, 1000 ug/ml	GeneID (NCBI): 83430	CloneNo.: 242139G12
Source: Rabbit	UNIPROT ID: Q9EQ14	Recommended Dilutions: FC (Intra): 0.25 ug per 10 ⁶ cells in 100 µl suspension
Isotype: IgG	Full Name: interleukin 23, alpha subunit p19	
Immunogen Catalog Number: EG1634	Calculated MW: 22 kDa	

Applications

Tested Applications: FC (Intra)	Positive Controls: FC (Intra) : Transfected HEK-293T cells,
Cited Applications: IF	
Species Specificity: mouse	
Cited Species: mouse	

Background Information

IL-12 and IL-23 are heterodimeric cytokines that share a common p40 subunit (PMID: 11114383). IL-12 is composed of the IL-12 p40 subunit linked to the IL-12 p35 subunit, and the heterodimer signals through the IL-12 receptor (IL-12R), which comprises the IL-12R β 1 and IL-12R β 2 subunits. IL-23 is composed of the IL-23 p19 subunit and the IL-12 p40 (IL-12/23p40) subunit, which signals through IL-23R and IL-12R β 1 (PMID: 11114383; 26121196). IL-12/IL-23 p40 also exists as a monomer and as a homodimer which can act as a potent IL-12 antagonist (PMID: 8958912; 18783467). IL-12/IL-23 p40 is produced by antigen-presenting cells, such as dendritic cells (DCs), monocytes, macrophages, neutrophils and, to a lesser extent, B cells (PMID: 20476918).

Notable Publications

Author	Pubmed ID	Journal	Application
Yang Sun	40817122	Nat Commun	IF

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:

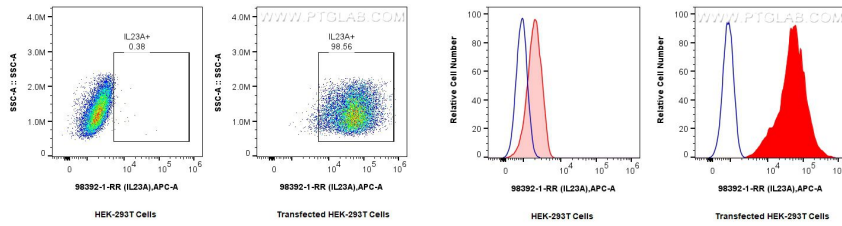
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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(left) and IL23A -transfected HEK-293T cells(right) were stained with 0.25 ug Anti-Mouse IL23A Rabbit RecAb (98392-1-RR, Clone:242139G12) 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(left) and IL23A -transfected HEK-293T cells(right) were stained with 0.25 ug Anti-Mouse IL23A Rabbit RecAb (98392-1-RR, Clone:242139G12)(red), or 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.