

For Research Use Only

Anti-Human CCL14 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98554-1-PBS



Basic Information

Catalog Number: 98554-1-PBS	GenBank Accession Number: NM_032963.3	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 6358	CloneNo.: 250487E9
Source: Rabbit	UNIPROT ID: Q16627-1	
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 14	
Immunogen Catalog Number: EG2879	Calculated MW: 11k kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

CCL14, also known as HCC-1, is a human plasma chemokine that belongs to the CC chemokine family. It was originally collected and purified from the hemofiltrate of patients with chronic renal failure. CCL14 is constitutively expressed in various tissues, including the spleen, bone marrow, liver, muscle, and intestine. CCL14 serves as a novel prognostic factor and tumor suppressor of HCC by modulating cell cycle and promoting apoptosis (PMID: 31641099), and CCL14 is a potential biomarker associated with immune cell infiltration in lung adenocarcinoma (PMID: 39030403).

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:

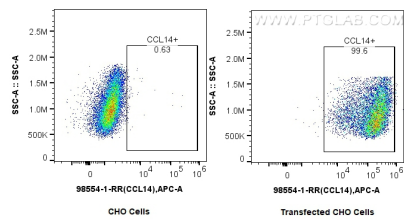
T: 4006900926

E: Proteintech-CN@ptglab.com

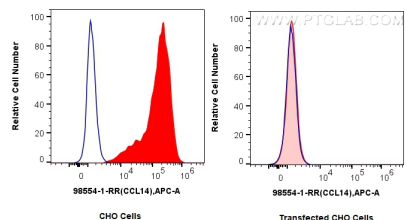
W: ptgcn.com

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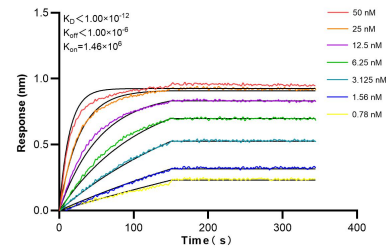
Selected Validation Data



1x10⁶ CHO cells or CCL14-transfected CHO cells were intracellularly stained with 0.25 ug Anti-Human CCL14 Rabbit RecAb (98554-1-RR, Clone:250487E9) 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 98554-1-PBS in a different storage buffer formulation.



1x10⁶ CHO cells or CCL14-transfected CHO cells were intracellularly stained with 0.25 ug Anti-Human CCL14 Rabbit RecAb (98554-1-RR, Clone:250487E9) (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 98554-1-PBS in a different storage buffer



Biolayer interferometry (BLI) kinetic assays of 98554-1-RR against Human CCL14 were performed. The affinity constant is below 1 pM.