

For Research Use Only

CCR7 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86180-5-PBS



Basic Information

Catalog Number: 86180-5-PBS	GenBank Accession Number: BC035343	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1236	CloneNo.: 251886C3
Source: Rabbit	UNIPROT ID: P32248	
Isotype: IgG	Full Name: chemokine (C-C motif) receptor 7	
Immunogen Catalog Number: EG2354	Calculated MW: 378 aa, 43 kDa	
	Observed MW: 40-43 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

C-C chemokine receptor type 7 (CCR7) , which belongs to the G-protein coupled receptor 1 family, is also a receptor for the MIP-3-beta chemokine, and probably acts as mediator of EBV effects on B-lymphocytes or of normal lymphocyte functions. CCR7 is specially expressed in various lymphoid tissues and activated B- and T-lymphocytes, and can be strongly up-regulated in B-cells infected with Epstein-Barr virus and T-cells infected with herpesvirus 6 or 7.

Storage

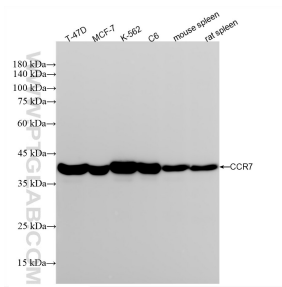
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

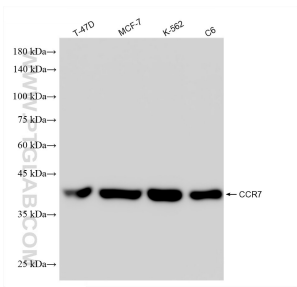
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

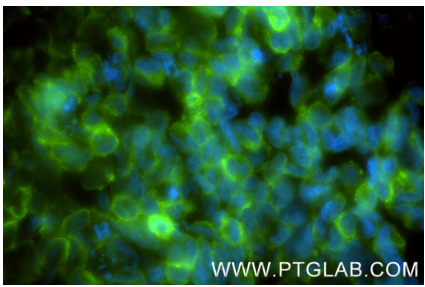
Selected Validation Data



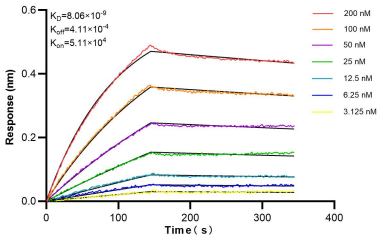
Various lysates were subjected to SDS PAGE followed by western blot with 86180-5-RR (CCR7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86180-5-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 86180-5-RR (CCR7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86180-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using CCR7 antibody (86180-5-RR, Clone: 251886C3) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86180-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86180-5-RR against Human CCR7 were performed. The affinity constant is 8.06 nM.