

For Research Use Only

CCR7 Recombinant monoclonal antibody

Catalog Number: 86180-5-RR

2 Publications



Basic Information

Catalog Number: 86180-5-RR	GenBank Accession Number: BC035343	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1236	CloneNo.: 251886C3
Source: Rabbit	UNIPROT ID: P32248	Recommended Dilutions: WB: 1:1000-1:4000 IF/ICC: 1:250-1:1000
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, ELISA	Positive Controls:
Cited Applications: IF	WB : T-47D cells, MCF-7 cells, K-562 cells, C6 cells, mouse spleen tissue, rat spleen tissue
Species Specificity: human, mouse, rat	IF/ICC : K-562 cells,
Cited Species: mouse	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Shanfeng Lin	42477036	Commun Biol	
Xin Sun	40509557	ACS Nano	IF

Storage

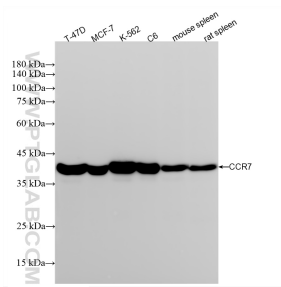
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

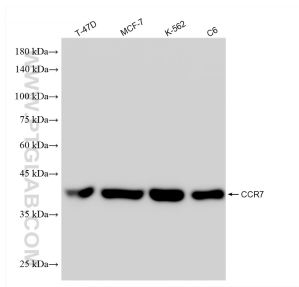
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

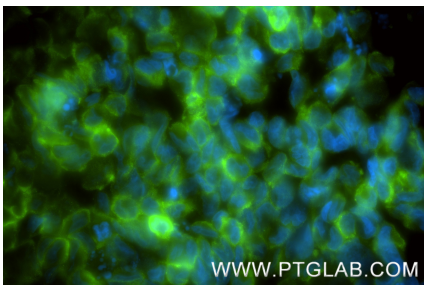
Selected Validation Data



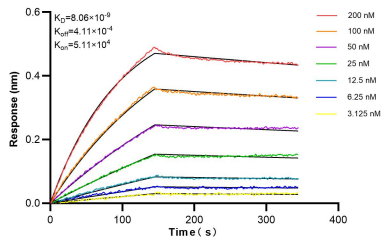
Various lysates were subjected to SDS PAGE followed by western blot with 86180-5-RR (CCR7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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.



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).



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