

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
Source: Rabbit	GeneID (NCBI): 1236	CloneNo.: 251886C3
Isotype: IgG	UNIPROT ID: P32248	Recommended Dilutions: WB: 1:1000-1:4000 IF/ICC: 1:250-1:1000
Immunogen Catalog Number: EG2354	Full Name: chemokine (C-C motif) receptor 7	
	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

For technical support and original validation data for this product please contact:

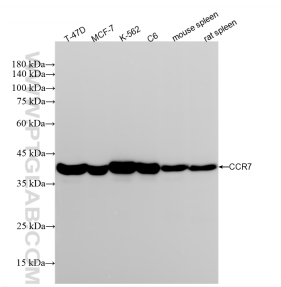
T: 4006900926

E: Proteintech-CN@ptglab.com

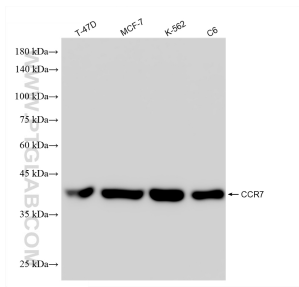
W: ptgcn.com

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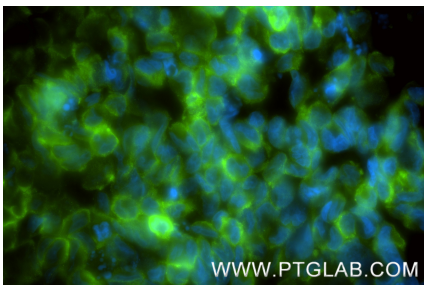
Selected Validation Data



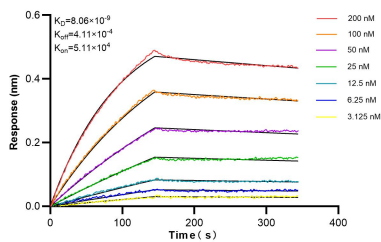
Various lysates were subjected to SDS PAGE followed by western blot with 86180-5-RR (CCR7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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.