

For Research Use Only

CCR7 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86180-5-PBS



Basic Information

Catalog Number:

86180-5-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2354

GenBank Accession Number:

BC035343

GeneID (NCBI):

1236

UNIPROT ID:

P32248

Full Name:

chemokine (C-C motif) receptor 7

Calculated MW:

378 aa, 43 kDa

Observed MW:

40-43 kDa

Purification Method:

Protein A purification

CloneNo.:

251886C3

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.

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:

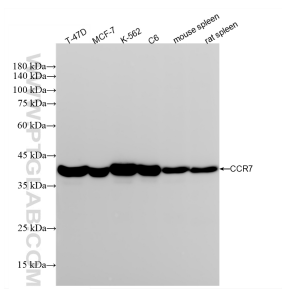
T: 4006900926

E: Proteintech-CN@ptglab.com

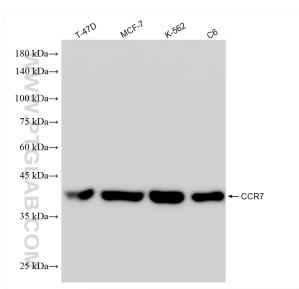
W: ptgcn.com

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

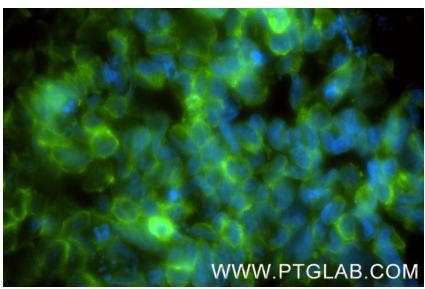
Selected Validation Data



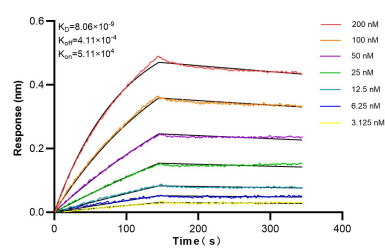
Various lysates were subjected to SDS PAGE followed by western blot with 86180-5-RR (CCR7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86180-5-PBS in a different storage buffer formulation.



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.