

For Research Use Only

CXCR7 Recombinant antibody

Catalog Number: 83927-1-RR



Basic Information

Catalog Number:

83927-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14247

GenBank Accession Number:

BC036661

GeneID (NCBI):

57007

UNIPROT ID:

P25106

Full Name:

chemokine (C-X-C motif) receptor 7

Calculated MW:

362 aa, 41 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

240842C9

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, K-562 cells, Raji cells, U-87 MG cells

IF/ICC : Jurkat cells,

Background Information

CXCR7 (C-X-C chemokine receptor type 7), also known as RDC1, is a G-protein coupled receptor family member. CXCR7 can bind the chemokines CXCL11 and CXCL12 with high affinity, and it also acts as a coreceptor with CXCR4 for a restricted number of HIV isolates. The expression of CXCR7 has been associated with cardiac development, tumor growth, and progression.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

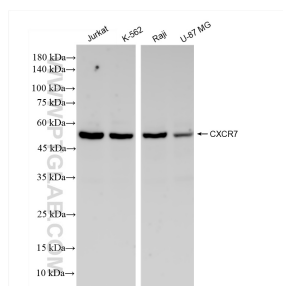
T: 4006900926

E: Proteintech-CN@ptglab.com

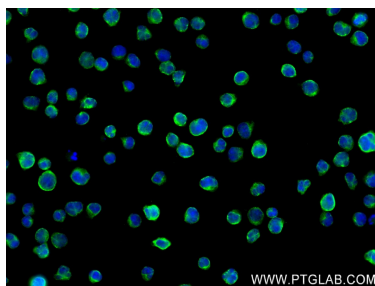
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83927-1-RR (CXCR7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CXCR7 antibody (83927-1-RR, Clone: 240842C9) at dilution of 1:100 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).