

For Research Use Only

CXCR5 Recombinant antibody

Catalog Number: 84639-2-RR



Basic Information

Catalog Number:

84639-2-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC110352

GeneID (NCBI):

643

UNIPROT ID:

P32302

Full Name:

chemokine (C-X-C motif) receptor 5

Calculated MW:

372 aa, 42 kDa

Observed MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

241777A10

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Daudi cells, Raji cells, Ramos cells, Jurkat cells, K-562 cells

Background Information

Initially discovered in 1992 as Burkitt's lymphoma receptor 1, CXCR5 (chemokine receptor 5, also known as CD185) is a seven-transmembrane G protein-coupled receptor (GPCR) protein (PMID: 32994482). CXCR5 is essential for naïve B-cell migration to and maturation in the lymph nodes and spleen, as well as for cluster of differentiation 4 T-cell (TFH and TCM) homing and interaction with B cells (PMID: 21471443). Moreover, CXCR5 is involved in the regulation of neural stem cells (NSC) and neuronal regeneration in the mouse brain, neuronal differentiation, neurogenesis, gliogenesis, and synaptogenesis (PMID: 37460877).

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:

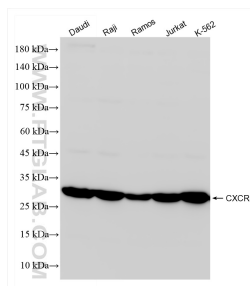
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84639-2-RR (CXCR5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.