

For Research Use Only

CXCR5 Recombinant antibody, PBS Only

Catalog Number: 84639-2-PBS



Basic Information

Catalog Number:

84639-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS Only

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

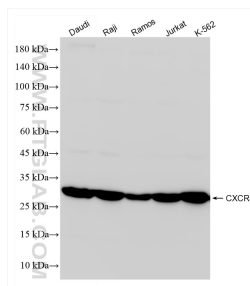
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Selected Validation Data



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. This data was developed using the same antibody clone with 84639-2-PBS in a different storage buffer formulation.