

# CXCR3 Recombinant antibody

**Cat:**B36283S**Company:** HaoKebio**Uniprot ID:**P49682**Applications:** IHC:1:200-1:800**Organism:**Rabbit

IHC-Polymer:1:800-1:3200

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:1000-1:4000

**Molecular Weight Calculation:** 368 aa, 41 kDa

IF:1:50

**Observed Molecular Weight:** 45 kDa

WB:1:5000-1:50000

**Background:**

CXCR3 (C-X-C chemokine receptor type 3) is a G protein-coupled, seven-transmembrane domain chemokine receptor that is expressed on the surface of several cell types, including activated CD 4+ and CD8+ T cells, NK and NK-T cells, plasmacytoid dendritic cells, and some B cells. CXCR 3 binds and is activated by the three IFN-gamma-inducible chemokines: CXCL9, CXCL10, and CXCL11. The binding of these ligands to CXCR3 has been implicated in regulating T-cell infiltration during inflammation and tissue injury. Alternatively, spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms, CXCR3B, mediates the angiostatic activity of CXCR3 ligands and also acts as a functional receptor for CXCL4.

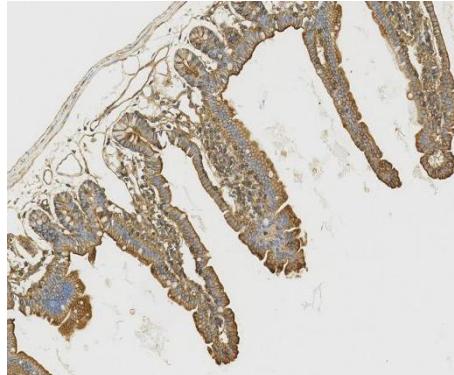
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**

Sample: Mouse tumor, 4% PFA 12-24h

**Source of Reagents:**

发表[中文论文]请标注:CXCR3(B36283S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CXCR3(B36283S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

**Synonyms:**

CMKAR3, CKR-L2, CKR L2, CD183, CD182

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Membrane

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**