

Rabbit CXCR2 Polyclonal Antibody | anti-CXCR2 antibody

CXCR2 Polyclonal Antibody

CATALOG # AAA177617	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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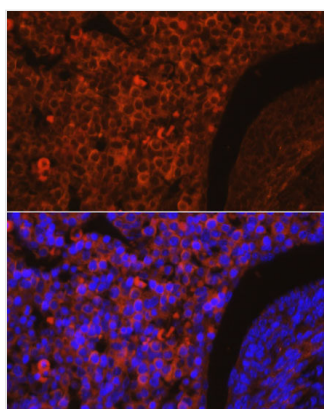
PRODUCT SYNONYMS

CXCR2; Polyclonal Antibody; CXCR2 Polyclonal Antibody; CD182; CDw128b; CMKAR2; IL8R2; IL8RA; IL8RB; anti-CXCR2 antibody

PRODUCT SPECIFICATIONS

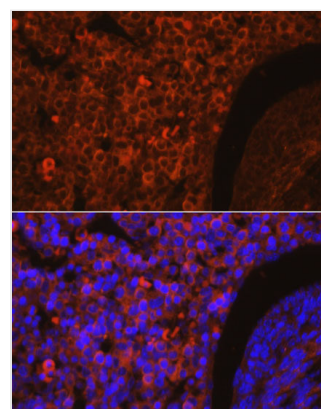
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CXCR2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human CXCR2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



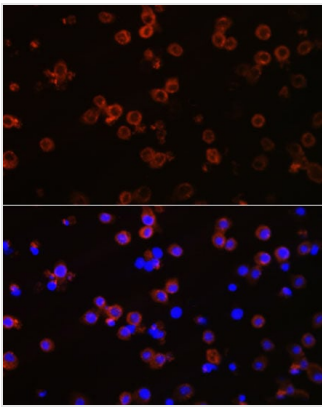
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse embryos using CXCR2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



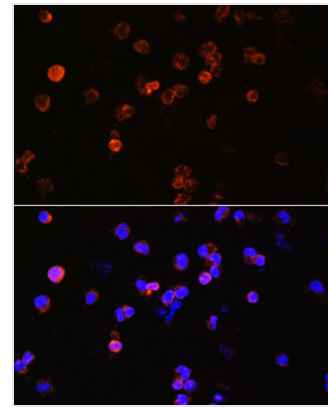
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse embryos using CXCR2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



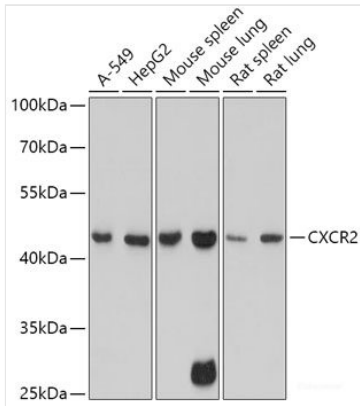
IF (Immunofluorescence)

Immunofluorescence analysis of Raw264.7 cells using CXCR2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Jurkat cells using CXCR2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using CXCR2 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-CXCR2 antibody

The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. This receptor also binds to chemokine (C-X-C motif) ligand 1 (CXCL1/MGSA), a protein with melanoma growth stimulating activity, and has been shown to be a major component required for serum-dependent melanoma cell growth. This receptor mediates neutrophil migration to sites of inflammation. The angiogenic effects of IL8 in intestinal microvascular endothelial cells are found to be mediated by this receptor. Knockout studies in mice suggested that this receptor controls the positioning of oligodendrocyte precursors in developing spinal cord by arresting their migration. This gene, IL8RA, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. Alternatively spliced variants, encoding the same protein, have been identified.

Product Categories/Family for anti-CXCR2 antibody

Cancer; Cell Biology; Signal Transduction; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	269973859
NCBI GeneID	3579
NCBI Accession #	NP_001161770.1
NCBI GenBank Nucleotide #	NM_001168298.1
UniProt Accession #	P25025; Q8IUZ1; Q9P2T6; Q9P2T7; AAA15417; AAB24742

Molecular Weight	40,759 Da
NCBI Official Full Name	C-X-C chemokine receptor type 2
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 2
NCBI Official Symbol	CXCR2
NCBI Official Synonym Symbols	CD182; IL8R2; IL8RA; IL8RB; CMKAR2; CDw128b
NCBI Protein Information	C-X-C chemokine receptor type 2; CXC-R2; CXCR-2; IL-8R B; GRO/MGSA receptor; IL-8 receptor type 2; interleukin 8 receptor B; chemokine (CXC) receptor 2; interleukin 8 receptor, beta; interleukin 8 receptor type 2; interleukin-8 receptor type B; CXCR2 gene
UniProt Protein Name	C-X-C chemokine receptor type 2
UniProt Gene Name	CXCR2
UniProt Synonym Gene Names	IL8RB; CXC-R2; CXCR-2; IL-8R B
UniProt Entry Name	CXCR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cxcr2-antibody-immunofluorescence-western-blot-elisa/177617>