

Rabbit IL-8R beta/CDw128 beta Polyclonal Antibody | anti-CXCR2 antibody

Phospho-IL-8R beta/CDw128 beta (Ser347) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31026	Rabbit	Human, Mouse, Monkey	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

IL-8R beta/CDw128 beta; Polyclonal Antibody; Phospho-IL-8R beta/CDw128 beta (Ser347) Antibody; C-X-C chemokine receptor type 2; CD 182; CD182; CD182 antigen; CDw128b; Chemokine (CXC) receptor 2; CMKAR2; CXC-R2; CXCR 2; CXCR-2; CXCR2; CXCR2_HUMAN; GRO/MGSA receptor; High affinity interleukin-8 receptor B; IL 8 receptor type 2; IL 8R B; IL-8 receptor type 2; IL-8R B; IL8 RB; IL8 receptor type 2; IL8R B; IL8R2; IL8RA; Interleukin 8 Receptor B; Interleukin 8 receptor; beta; type 2; anti-CXCR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-IL-8R beta/CDw128 beta (Ser347) antibody detects endogenous levels of IL-8R beta/CDw128 beta only when phosphorylated at Serine 347
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho-and non-phospho-peptide affinity columns.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	360
Applicable Applications for anti-CXCR2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF/ICC: 1:100-1:500 EIA(peptide): 1:20000-1:40000 IMPORTANT: For western blots, incubate membrane with diluted antibody in 5% w/v milk , 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human IL-8R beta/CDw128 beta around the phosphorylation site of Serine 347
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-IL-8R beta/CDw128 beta (Ser347) expression in Mouse kidney lysate



IF (Immunofluorescence)

AAA31026 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA31026 at 1/100 staining Mouse intestine tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA31026 staining COS7 cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37 degree C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37 degree C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.



WB (Western Blot)

Western blot analysis of IL-8R beta/CDw128 beta phosphorylation expression in PMA treated NIH-3T3 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CXCR2 antibody	Function: Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2. Post-translational Modifications: Phosphorylated upon ligand binding; which is required for desensitization. Similarity: Belongs to the G-protein coupled receptor 1 family.
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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
Molecular Weight	48kDa
NCBI Official Full Name	C-X-C chemokine receptor type 2
NCBI Official Synonym Full Names	C-X-C motif chemokine 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

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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il-8r-beta-cdw128-beta-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/31026>