

Rabbit anti-Human IL-8RA Monoclonal Antibody | anti-IL-8RA antibody

Anti-IL-8RA [SE2]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72179	Rabbit	Human	Immunohistochemistry, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

IL-8RA; Monoclonal Antibody; Anti-IL-8RA [SE2]; CXCR-1; C-X-C chemokine receptor type 1; CXC-R1; CDw128a; High affinity interleukin-8 receptor A; IL-8R A; IL-8 receptor type 1; CD181; interleukin 8; anti-IL-8RA antibody

PRODUCT SPECIFICATIONS

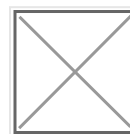
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	SE2
Specificity	SE2 antibody is specific for IL-8RA and does not corss-react with IL-8RB. IL-8RA is a receptor to interleukin-8, which is a powerful neutrophils chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-IL-8RA antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot)
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.
PMID	16144840
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of fixed human peripheral blood leukocytes with anti-IL-8RA antibody SE2 (AAA72179) Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood leukocytes on Shi-fix coverslips stained with the chimeric rabbit IgG version of SE2 () at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.



WB (Western Blot)

Western Blot using anti-IL-8RA antibody SE2 (AAA72179) Human lymph node tissue lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SE2 () at 0.1ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



IF (Immunofluorescence)

Immunofluorescence staining of fixed human peripheral blood leukocytes with anti-IL-8RA antibody SE2 (AAA72179) Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood leukocytes on Shi-fix coverslips stained with the chimeric rabbit IgG version of SE2 () at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-8RA antibody	Recombinant monoclonal antibody to IL-8RA. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma SE2. This antibody was raised by immunizing BALB/c mice with a BSA-conjugated peptide comprising of the N-terminal part of IL-8RA (amino acids 1-30).
Product Categories/Family for anti-IL-8RA antibody	neutrophiles; chemokines; immunology; leukocytes
References	Zahn et al. Chemoattractant receptors for interleukin-8 and C5a: expression on peripheral blood leukocytes and differential regulation on HL-60 and AML-193 cells by vitamin D3 and all-trans retinoic acid. Eur J Immunol. 1997 Apr;27(4):935-40. Note on publication: This article describes the generation and characterization of SE2 antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62911779
NCBI GeneID	3577
UniProt Accession #	P25024; Q2YEF8; Q2YEG4; Q2YEG5; Q2YEG7; Q2YEG8; Q53R18; Q6IN95; Q8N6T6; Q9P2T8; Q9P2T9; B2R6Q3
Molecular Weight	39,791 Da
NCBI Official Full Name	CXCR1
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 1
NCBI Official Symbol	CXCR1
NCBI Official Synonym Symbols	C-C; CD128; CD181; CKR-1; IL8R1; IL8RA; CMKAR1; IL8RBA; CDw128a; C-C-CKR-1
NCBI Protein Information	C-X-C chemokine receptor type 1; CXC-R1; CXCR-1; IL-8R A; IL-8 receptor type 1; interleukin 8 receptor, alpha; interleukin-8 receptor type 1; interleukin-8 receptor type A; high affinity interleukin-8 receptor A
UniProt Protein Name	C-X-C chemokine receptor type 1
UniProt Gene Name	CXCR1
UniProt Synonym Gene Names	CMKAR1; IL8RA; CXC-R1; CXCR-1; IL-8R A
UniProt Entry Name	CXCR1_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.