

DESCRIPTION

Species	Rat
Reactivity	
Specificity	Detects CXCL7/Thymus Chemokine-1 in direct ELISAs and Western blots. In direct ELISAs, approximately 10% cross-reactivity with recombinant mouse CXCL7 is observed and less than 1% cross-reactivity with other chemokines tested. Source
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant rat CXCL7/Thymus Chemokine-1 Ile46-Ile107 Accession # NP_714943
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Neutralization	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

CXCL7 is a member of the alpha (CXC) subfamily of chemokines. Rat CXCL7 cDNA encodes a 111 amino acid residue precursor protein. Rat CXCL7 shares 72% amino acid sequence identity with mouse CXCL7 (accession number AAG36786). The recombinant rat CXCL7 produced by R&D Systems has been shown to chemoattract human CXCR2 transfected mouse BaF/3 cells, but not human CXCR1 transfected mouse BaF/3 cells.

¹rh6Ckine, rm6Ckine, rhBLC/BCA-1, rmBLC, rhBRAK, rmBRAK, rmC10, rhCCL28, rmCCL28, rrCINC-2a, rrCINC-2b, rrCINC-3, rhCKb8-1, rvCMV UL146, rmCRG-2, rhCTACK, rmCTACK, rhCXCL16, rmCXCL16, rhENA-78, rhEotaxin, rmEotaxin, rhEotaxin-2, rmEotaxin-2, rhEotaxin-3, rhFractalkine, rmFractalkine, rrFractalkine, rhGCP-2, rmGCP-2, rhGROa, rhGROb, rhGROg, rhHCC-1, rhHCC-4, rhI-309, rhIL-8, rplL-8, rcrIP-10, rhIP-10, rhI-TAC, rml-TAC, rmJE, rmKC, rhLeukotactin-1, rrLIX, rmLungkine, rhLymphotactin, rmLymphotactin, rmMARC, rhMCP-1, rhMCP-2, rmMCP-2, rhMCP-3, rhMCP-4, rmMCP-5, rvMCV type 2, rhMDC, rmMDC, rhMIG, rmMIG, rcrMIP-1a, rhMIP-1a, rmMIP-1a, rcrMIP-1b, rhMIP-1b, rmMIP-1b, rhMIP-1d, rmMIP-1g, rmMIP-2, rhMIP-3a, rmMIP-3a, rrMIP-3a, rhMIP-3b, rmMIP-3b, rvMIP-1, rvMIP-II, rvMIP-III, rhMPIF-1, rhNAP-2, rhPARC, rhPF4, rcrRANTES, rhRANTES, rmRANTES, rhSDF-1a, rmSDF-1a, rhSDF-1b, rhTARC, rmTARC, rmTCA-3, rhTeck, rmTeck

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