

#### DESCRIPTION

<b>Species</b>	Rat
<b>Reactivity</b>	
<b>Specificity</b>	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
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant rat CXCL7/Thymus Chemokine-1 Ile46-Ile107 Accession # NP_714943
<b>Conjugate</b>	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
<b>Formulation</b>	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.

<b>Neutralization</b>	Optimal dilution of this antibody should be experimentally determined.
<b>Western Blot</b>	Optimal dilution of this antibody should be experimentally determined.
<b>Immunohistochemistry</b>	Optimal dilution of this antibody should be experimentally determined.

#### PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	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.

<sup>1</sup>rh6Ckine, 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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