

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects CXCL7/Thymus Chemokine-1 in direct ELISAs and Western blots. In direct ELISAs, approximately 25% cross-reactivity with recombinant rat CXCL7/Thymus Chemokine-1 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse CXCL7/Thymus Chemokine-1 Lys40-Tyr113 Accession # AAG36786
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 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. Mouse CXCL7 cDNA encodes a 113 amino acid residue precursor protein. Signal P prediction program analysis indicates that this precursor protein contains an amino terminal 39 amino acid residue signal peptide and a 74 amino acid mature chemokine. Mouse CXCL7 shares 72% amino acid sequence identity with rat CXCL7. The recombinant mouse CXCL7 produced by R&D Systems has been shown to chemoattract mouse BaF3 cells transfected with human CXCR2, but not human CXCR1.

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