

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse CXCL7/Thymus Chemokine-1 in ELISAs and Western blots.
Source	Monoclonal Rat IgG _{2A} Clone # 159703
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse CXCL7/Thymus Chemokine-1 Lys40-Tyr113 Accession # Q9EQI5
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.

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
Western Blot	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, also known as Thymus Chemokine-1, pro-platelet basic protein (PPBP) and neutrophil activation peptide-2 (NAP-2), is a member of the alpha (CXC) subfamily of chemokines. It functions as a chemoattractant for neutrophils, macrophages, and T cells that express CXCR2, also known as IL-8 Rβ.

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