Mouse CXCL7/Thymus Chemokine-1 Antibody

Monoclonal Rat IgG_{2A} Clone # 159703

Catalog Number: MAB10911

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	*E. coli*-derived recombinant mouse CXCL7/Thymus Chemokine-1 Lys40-Tyr113 Accession # Q9EQI5
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

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.*

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Mouse CXCL7/Thymus Chemokine-1 (Catalog # 793-CK) under non-reducing conditions only
Mouse CXCL7/Thymus Chemokine-1 Sandwich Immunoassay		**Reagent**
ELISA Capture	2-8 µg/mL	Mouse CXCL7/Thymus Chemokine-1 Antibody (Catalog # MAB10911)
ELISA Detection	0.1-0.4 µg/mL	Mouse CXCL7/Thymus Chemokine-1 Biotinylated Antibody (Catalog # BAF793)
Standard		Recombinant Mouse CXCL7/Thymus Chemokine-1 aa 48-109 (Catalog # 1091-CK)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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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