Mouse CCL8/MCP-2 Antibody

Monoclonal Rat IgG_{2A} Clone # 146123

Catalog Number: MAB790

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse CCL8/MCP-2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant cotton rat CCL3, 4, 5, recombinant human CCL1, 2, 3, 4, 5, 7, 8, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, recombinant mouse CCL1, 3, 4, 5, 6, 7, 9/10MIP-1γ, 11, 12, 17, 19, 20, 21, 22, 24, 25, 27, or recombinant rat CCL20 is observed.
Source	Monoclonal Rat IgG_{2A} Clone # 146123
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant mouse CCL8/MCP-2 Glu20-Pro97 Accession # Q9Z121
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 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 CCL8/MCP-2

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

CCL8, also known as Monocyte Chemoattractant Protein 2 (MCP-2), is an inflammatory CC chemokine that attracts monocytes, eosinophils and basophils. It is produced by many cell types and signals through interactions with CCR1, CCR2, CCR3 and CCR5.