

**DESCRIPTION**

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse CCL6/C10 in ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant mouse (rm) CCL3, rmCCL4, or rmCCL9/10 is observed.
<b>Source</b>	Monoclonal Rat IgG <sub>2A</sub> Clone # 262015
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant mouse CCL6/C10 Gly22-Ala116 Accession # P27784
<b>Formulation</b>	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.

<b>Mouse CCL6/C10 Sandwich Immunoassay</b>		<b>Reagent</b>
<b>ELISA Capture</b>	2-8 µg/mL	Mouse CCL6/C10 Antibody (Catalog # MAB4871)
<b>ELISA Detection</b>	0.5-2 µg/mL	Mouse CCL6/C10 Biotinylated Antibody (Catalog # BAM4872)
<b>Standard</b>		Recombinant Mouse CCL6/C10 (Catalog # 487-C)

**PREPARATION AND STORAGE**

<b>Reconstitution</b>	Sterile PBS to a final concentration of 0.5 mg/mL.
<b>Shipping</b>	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
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

**BACKGROUND**

Mouse CCL6, a member of the β subfamily of chemokines, was initially identified as a transcript that is induced in bone marrow cells upon stimulation with GM-CSF. A human homologue for mouse CCL6 has not been identified. The mCCL6 cDNA encodes a 116 amino acid precursor protein with a hydrophobic signal peptide that is cleaved to yield a 95 amino acid mature protein. Compared to other chemokines, mCCL6 has a large N-terminal extension. The expression of CCL6 mRNA has been detected in mouse monocytes and neutrophils, where it is strongly induced upon GM-CSF stimulation. CCL6 expression has also been detected in an IL-2-dependent T cell line, where the expression is inhibited following T cell stimulation. Mouse CCL6 expression was also shown to be strongly induced by IL-4 in mouse macrophages. The gene for CCL6 has been mapped to mouse chromosome 11.