

Mouse CCL6 Antibody Pair Set

Catalog No.	E-KAB-0346	Applications	ELISA
Synonyms	C10,CCL 6,chemokine (C-C motif) ligand 6,Chemokine C C motif Ligand 6,MRP1,SCYA6,Small Inducible Cytokine A6		

Kit components & Storage

Title	Specifications	Storage
Mouse CCL6 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze / thaw cycles.
Mouse CCL6 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze / thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

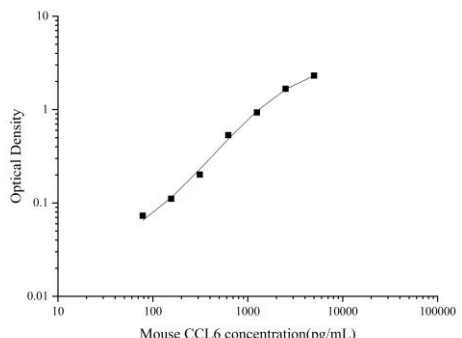
Product Information

Items		Characteristic (E-KAB-0346)	
		Mouse CCL6 Capture Antibody	Mouse CCL6 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse CCL6 protein	Recombinant Mouse CCL6 protein
	Swissprot	P27784	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Rat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Protein A or G	Protein A or G
Specificity		Detects Mouse CCL6 in ELISAs.	

For Research Use Only

Applications

Mouse CCL6 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4µg/mL	Mouse CCL6 Capture Antibody	 <p>The graph is a log-log plot of Optical Density versus Mouse CCL6 concentration (pg/mL). The y-axis (Optical Density) ranges from 0.01 to 10, and the x-axis (Mouse CCL6 concentration) ranges from 10 to 100,000. The data points form a nearly straight line with a positive slope, indicating a power-law relationship between concentration and optical density.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Mouse CCL6 concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>0.08</td> </tr> <tr> <td>200</td> <td>0.12</td> </tr> <tr> <td>500</td> <td>0.25</td> </tr> <tr> <td>1000</td> <td>0.4</td> </tr> <tr> <td>2000</td> <td>0.6</td> </tr> <tr> <td>5000</td> <td>1.2</td> </tr> <tr> <td>10000</td> <td>1.8</td> </tr> </tbody> </table>	Mouse CCL6 concentration (pg/mL)	Optical Density	100	0.08	200	0.12	500	0.25	1000	0.4	2000	0.6	5000	1.2	10000	1.8
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ELISA Detection	1:1000-1:10000	Mouse CCL6 Detection Antibody (Biotin)																	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

In mice, CCL6 is expressed in cells from neutrophil and macrophage lineages, and can be greatly induced under conditions suitable for myeloid cell differentiation. It is highly expressed in bone marrow cultures that have been stimulated with the cytokine GM-CSF. Some low levels of gene expression also occur in certain cell lines of myeloid origin (e.g. the immature myeloid cell lines DA3 and 32D cl3, and the macrophage cell line P388D) that can also be greatly induced in culture with GM-CSF. However, in activated T cell lines, expression of CCL6 is greatly reduced. CCL6 can also be induced in the mouse lung by the cytokine interleukin

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