

Mouse MPIF2 Antibody Pair Set

Catalog No.	E-KAB-0301	Applications	ELISA
Synonyms	CCL24, SCYA24, Ckb-6, Eotaxin-2		

Kit components & Storage

Title	Specifications	Storage
Mouse MPIF2 Capture Antibody	1 vial, 100 μg	Store at -20°C for one year. Avoid freeze / thaw cycles.
Mouse MPIF2 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20°C for one year. Avoid freeze / thaw cycles.

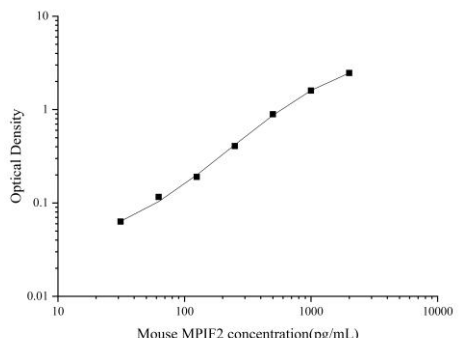
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0301)	
		Mouse MPIF2 Capture Antibody	Mouse MPIF2 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse MPIF2 protein	Recombinant Mouse MPIF2 protein
	Swissprot	Q9JKC0	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Hamster
	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 MPIF2 in ELISAs.	

Applications

Mouse MPIF2 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images										
ELISA Capture	0.5-4µg/mL	Mouse MPIF2 Capture Antibody	 <p>The graph is a log-log plot. The x-axis is labeled 'Mouse MPIF2 concentration(pg/mL)' and ranges from 10 to 10000. The y-axis is labeled 'Optical Density' and ranges from 0.01 to 10. The data points form a smooth, upward-sloping curve, indicating a positive correlation between the concentration of Mouse MPIF2 and the optical density.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Mouse MPIF2 concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>0.05</td> </tr> <tr> <td>100</td> <td>0.2</td> </tr> <tr> <td>1000</td> <td>1.0</td> </tr> <tr> <td>10000</td> <td>5.0</td> </tr> </tbody> </table>	Mouse MPIF2 concentration (pg/mL)	Optical Density	10	0.05	100	0.2	1000	1.0	10000	5.0
Mouse MPIF2 concentration (pg/mL)	Optical Density												
10	0.05												
100	0.2												
1000	1.0												
10000	5.0												
ELISA Detection	1:1000-1:10000	Mouse MPIF2 Detection Antibody (Biotin)											

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

Background

Eotaxin-2, also named myeloid progenitor inhibitory factor 2 (MPIF-2), is a member of the CC chemokine subfamily and is designated CCL24. Eotaxin-2 is constitutively expressed in the jejunum and spleen. It can also be induced in the lung by allergen challenge and IL-4. Mouse Eotaxin-2 precursor protein shares approximately 58% amino acid sequence identity with human Eotaxin-2.