Mouse MIP-1β Antibody Pair Set

Catalog No. E-KAB-0590 **Applications** ELISA
Synonyms CCL4;ACT2;AT744.1;G-26;HC21;LAG-1;LAG1;MIP-1-beta;MIP1B;MIP1B1;SCYA2;SCYA4

Kit components & Storage

Title	Specifications	Storage
Mouse MIP-1β Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Mouse MIP-1β Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

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

Product Information

Items		Characteristic (E-KAB-0590)	
		Mouse MIP-1β Capture Antibody	Mouse MIP-1β Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse MIP-1β protien	Recombinant Mouse MIP-1β protien
	Swissprot	P14097	
Product details	Reactivity	Mouse	Mouse
	Host	Rabbit	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse MIP-1β in ELISAs.	

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
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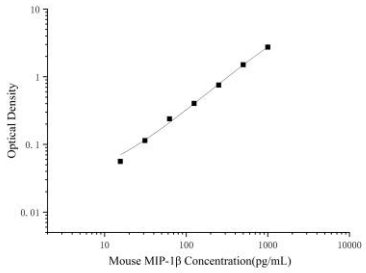
Applications

Mouse MIP-1β Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Mouse MIP-1β Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse MIP-1β Detection Antibody (Biotin)	

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

Background

Monokine with inflammatory and chemokinetic properties. Binds to CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-beta induces a dose-dependent inhibition of different strains of HIV-1 , HIV-2 , and simian immunodeficiency virus (SIV) . The processed form MIP-1-beta (3-69) retains the abilities to induce down-modulation of surface expression of the chemokine receptor CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells. MIP-1-beta (3-69) is also a ligand for CCR1 and CCR2 isoform B.

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