

Mouse MIP-1Alpha,CCL3 ELISA Kit

Catalog No: #EK5188

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Mouse MIP-1Alpha,CCL3 ELISA Kit
Specificity	Mouse
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	E.coli,A24-A92
Other Names	C-C motif chemokine 3; Heparin-binding chemotaxis protein; L2G25B; Macrophage inflammatory protein 1-alpha; MIP-1-alpha; SIS-alpha; Small-inducible cytokine A3; TY-5; Ccl3; Mip1a, Scya3;
Accession No.	P10855
Uniprot	P10855
GeneID	20302;
Cell Localization	Secreted.

Application Details

sensitivity:10pg mlDetect Range:7.8pg ml-500pg ml
 sample_type:cell culture supernates serum and plasma(heparin EDTA citrate).
 capture_antibody:monoclonal antibody from ratdetection_antibody:polyclonal antibody from goat
 gene_name:CCL3protein_name:C-C motif chemokine 3
 gene_full_name:C-C motif chemokine 3tissue_specificity: Expressed in lung spleen and pancreas.
 sequence_similarities:tmb_incubation:20-25minresearch_category:immunology|innate immunity|macrophage / inflamm.|chemokines|beta chemokines (cc)|kits/ lysates/ other|kits|elisa kits|blood cell antigens elisa kits|immune system diseases|antiviral signaling|hiv-related

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse CCL3,MIP1 alpha

Background

protein_function: Monokine with inflammatory, pyrogenic and chemokinetic properties. Has a potent chemotactic activity for eosinophils. Binding to a high-affinity receptor activates calcium release in neutrophils. Chemokine (C-C motif) ligand 3 (CCL3), so known as Macrophage inflammatory protein-1alpha (MIP-1 alpha), is a protein that in humans is encoded by the CCL3 gene. It is a cytokine which belongs to the CC chemokine family that is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes. This gene is mapped to 17q12. CCL3 plays a role in inflammatory responses through binding to the receptors CCR1, CCR4 and CCR5. It has been found that the activation of CCR5 by CCL3 directly and independently activates a G-protein signaling pathway through GNAI2 and a tyrosine phosphorylation signaling pathway through JAK2.

Note: This product is for in vitro research use only