

Mouse CCL9 ELISA Kit

Catalog No: #EK5542

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Description

Product Name	Mouse CCL9 ELISA Kit
Specificity	Mouse
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	E.coli,Q22-Q122
Other Names	C-C motif chemokine 9; CCF18; Macrophage inflammatory protein 1-gamma; MIP-1-gamma; Macrophage inflammatory protein-related protein 2; MRP-2; Small-inducible cytokine A9; CCL9(29-101); CCL9(30-101); CCL9(31-101); Ccl9; Mrp2, Scya10, Scya9;
Accession No.	P51670
Uniprot	P51670
GeneID	20308;
Cell Localization	Secreted.

Application Details

sensitivity:1pg mlDetect Range:7.8pg ml-500pg ml
sample_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).
capture_antibody:monoclonal antibody from ratdetection_antibody:polyclonal antibody from goatgene_name:Ccl9protein_name:C-C motif chemokine 9
gene_full_name:C-C motif chemokine 9tissue_specificity: Expressed mainly in the liver lung and the thymus although some expression has been detected in a wide variety of tissues except brain.
sequence_similarities:tmb_incubation:15-20minresearch_category:immunology|innate immunity|macrophage / inflamm.|chemokines|beta chemokines (cc)|cardiovascular|atherosclerosis|vascular inflammation|leukocyte recruitment|kits/ lysates/ other|kits|elisa kits|cytokines and cytokine receptors elisa kits

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse CCL9

Background

protein_function: Monokine with inflammatory, pyrogenic and chemokinetic properties. Circulates at high concentrations in the blood of healthy animals. Binding to a high-affinity receptor activates calcium release in neutrophils. It also inhibits colony formation of bone marrow myeloid immature progenitors. Chemokine (C-C motif) ligand 9 (CCL9), also called MIP-1 gamma and MRP-2, is a small cytokine belonging to the CC chemokine family. CCL9 which found around Peyer's patches is secreted by follicle-associated epithelium (FAE), and it can attract dendritic cells that possess the cell surface molecule CD11b and the chemokine receptor CCR1. CCL9 is constitutively expressed in macrophages and myeloid cells. CCL9 can activate osteoclasts through its receptor CCR1 (the most abundant chemokine receptor found on osteoclasts) suggesting an important role for CCL9 in bone resorption.

Note: This product is for in vitro research use only