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anti-CCL4 antibody (AA 26-92)





Publication



Overview

Quantity:	100 μL
Target:	CCL4
Binding Specificity:	AA 26-92
Reactivity:	Human, Mouse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCL4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),
	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded
	Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse CCL4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rabbit
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.
Target Details	

Target Details

Target: CCL4

Target Details

Alternative Name:	CCL4 (CCL4 Products)
Background:	Synonyms: MIP-1 Beta, Macrophage Inflammatory Protein 1 beta, MIP-1 Beta, MIP-1_, Secreted
	protein G 26, ACT 2, ACT2, AT744.1, CC chemokine ligand 4, CCL4, ccl4l 1, CCL4L1, Chemokine
	CC Mot Ligand 4, G 26 T lymphocyte secreted protein, HC21, LAG 1, LAG1, Lymphocyte
	activation gene 1, Lymphocyte activation gene 1 protein, Macrophage inflammatory protein 1
	beta, MGC104418, MGC126025, MGC126026, MIP1 beta, MIP1B, MIP1B1, PAT 744, Protein
	H400, SCYA2, SCYA4, Secreted protein G26, SIS gamma, Small inducible cytokine A4, T cell
	activation protein 2, CCL4_MOUSE,
	Background: MIP1 alpha and MIP1 beta were originally co-purified from medium conditioned by
	an LPS-stimulated murine macrophage cell line. Human MIP1 beta refers to the products of
	several independently cloned cDNAs, including Act2, PAT 744, hH400, G26, HIMAP, HC21, and
	MAD 5a. The predicted protein products of these cDNAs represent variants that are between
	94 $\%$ - 98 $\%$ identical and these proteins are all approximately 75 $\%$ homologous to murine MIP1
	beta. MIP1 beta also shares approximately 70 % amino acid identity with MIP1 alpha. MIP1
	proteins are expressed primarily in T cells, B cells, and monocytes after antigen or mitogen
	stimulation. The MIP1 proteins have chemoattractant and adhesive effects on lymphocytes,
	with MIP1 alpha and MIP1 beta preferentially attracting CD8+ and CD4+ T cells, respectively. A
	signal transducing receptor designated the CC chemokine receptor 1 (CC CKR1) with seven
	transmembrane domains that binds MIP1 alpha, MIP1 beta, MCP1 and RANTES with varying
	affinities has been isolated.
Gene ID:	6351
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Llandling	
Handling	

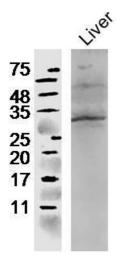
Handling

Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	

Product cited in:

Lee, Perry, Heywood, Reese, Bonner, Hatfield, Silver, Visconti, Hoffman, Tourkina: "Caveolin-1 regulates chemokine receptor 5-mediated contribution of bone marrow-derived cells to dermal fibrosis." in: **Frontiers in pharmacology**, Vol. 5, pp. 140, (2014) (PubMed).

Images



Western Blotting

Image 1. Mouse liver lysates probed with Rabbit Anti-CCL4 Polyclonal Antibody, Unconjugated at 1:300 in 4°C overnight. Followed by conjugation to secondary antibody -HRP) at 1:5000 for 90min at 37°C.