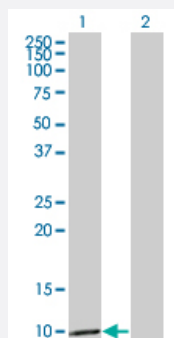


CCL3 monoclonal antibody (M01), clone 4E7

Catalog # H00006348-M01

Size 100 ug

Applications

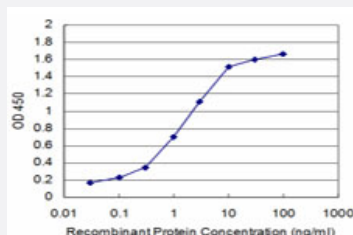


Western Blot (Transfected lysate)

Western Blot analysis of CCL3 expression in transfected 293T cell line by CCL3 monoclonal antibody (M01), clone 4E7.

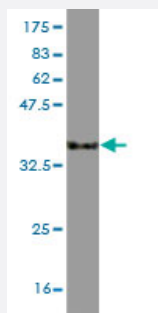
Lane 1: CCL3 transfected lysate (10.1 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CCL3 is approximately 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (33.33 kDa).

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CCL3.

Immunogen	CCL3 (NP_002974, 24 a.a. ~ 92 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SLAADTPTACCFSYTSRQIPQNFADYFETSSQCSKPGVIFLTKRSRQVCADPSEEWQKYVSDL ELSA
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.33 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CCL3 expression in transfected 293T cell line by CCL3 monoclonal antibody (M01), clone 4E7.

Lane 1: CCL3 transfected lysate(10.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CCL3 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CCL3

Entrez GeneID [6348](#)

GeneBank Accession# [NM_002983](#)

Protein Accession#	NP_002974
Gene Name	CCL3
Gene Alias	G0S19-1, LD78ALPHA, MIP-1-alpha, MIP1A, SCYA3
Gene Description	chemokine (C-C motif) ligand 3
Omim ID	182283 609423
Gene Ontology	Hyperlink
Gene Summary	Macrophage inflammatory protein-1 is a so-called monokine that is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes (Wolpe et al., 1988 [PubMed 3279154]). Sherry et al. (1988) [PubMed 3058856] demonstrated 2 protein components of MIP1, called by them alpha and beta.[supplied by OMIM]
Other Designations	LD78 alpha beta small inducible cytokine A3 (homologous to mouse Mip-1a)

Publication Reference

- [A multiplex assay to measure RNA transcripts of prostate cancer in urine.](#)

Quek SI, Ho ME, Loprieno MA, Ellis WJ, Elliott N, Liu AY.

PLoS One 2012 Sep; 7(9):e45656.

Application: IHC-Fr, Human, Human prostate cancer

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Carpal Tunnel Syndrome](#)
- [Connective Tissue Diseases](#)

- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Sarcoidosis](#)
- [Skin Diseases](#)
- [Tuberculosis](#)