CCL1/I-309/TCA-3 Polyclonal Antibody(Capture/Detector)

catalog number: AN004440P

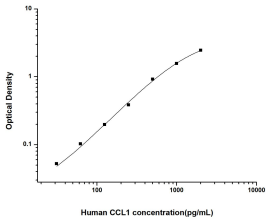
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CCL1/I-309/TCA-3 Protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications	Recommended Dilution
ELISA Capture	2-8 μg/mL
ELISA Detector	0.1-0.4 μg/mL

Data



Sandwich ELISA-Recombinant Human CCL1/I-309/TCA-3 Protein standard curve.Background subtracted standard curve using Anti-CCL1/I-309/TCA-3 antibody(AN004440P) (Capture),Anti-CCL1/I-309/TCA-3 antibody(AN004440P) (Detector).The reference range value is 31.25-2000 pg/mL for human.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Human CCL1 was initially identified by subtractive hybridization as a transcript that was present in a gamma /δ T cell line but not in EBV-transformed B cells. Human CCL1 has been assumed to be a homologue of the mouse TCA3. While the two proteins share only approximately 42% amino acid sequence identity, both chemokines contain an extra pair of cysteine residues not found in most other chemokines. Human CCL1 and mouse TCA3 also share significant sequence homology in the 5' flanking region of their genes. CCL1 cDNA encodes a 96 amino acid precursor protein with a hydrophobic signal peptide that is cleaved to yield a 73 amino acid mature protein. The CCL1 sequence contains one potential N-linked glycosylation site, and natural CCL1 secreted by activated T cells is a glycoprotein doublet of 15-16 kDa. The amino acid sequence of CCL1 identified the protein as a member of the chemokine beta subfamily.

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