

Datasheet for ABIN953450

anti-CCL4 antibody (Middle Region)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	CCL4
Binding Specificity:	AA 29-56, Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 29-56 amino acids from the Central region of human CCL4
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CCL4.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	CCL4
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Target Details

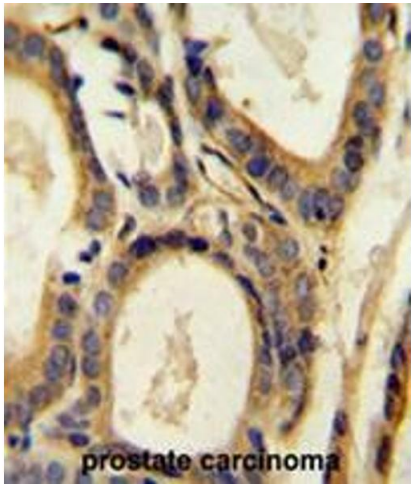
Alternative Name:	MIP1 beta / CCL4 (CCL4 Products)
Background:	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. This protein is similar to CCL4 which inhibits HIV entry by binding to the cellular receptor CCR5. The copy number of this gene varies among individuals, most individuals have 1-5 copies in the diploid genome, although rare individuals do not contain this gene at all. The human genome reference assembly contains two copies of this gene. This record represents the more centromeric gene. [provided by RefSeq].Synonyms: CCL-4, G-26 T-lymphocyte-secreted protein, HC21, LAG1, Lymphocyte activation gene 1 protein, MIP-1-beta, MIP1B, Macrophage inflammatory protein 1-beta, PAT744, Protein H400, SCYA4, SIS-gamma, Small-inducible cytokine A4, T-cell activation protein 2
Molecular Weight:	10212 Da
Gene ID:	388372
NCBI Accession:	NP_001001435

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CCL4 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CCL4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. CCL4 Antibody (Center) western blot analysis in mouse bladder tissue lysates (15µg/lane). This demonstrates the CCL4 antibody detected CCL4 protein (arrow).