

Rabbit anti-Human, Mouse CCL20 Polyclonal Antibody | anti-CCL20 antibody

CCL20 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31103	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

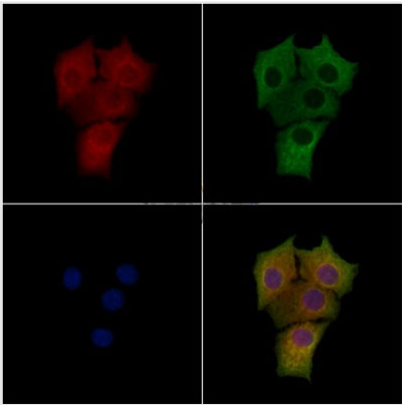
PRODUCT SYNONYMS

CCL20; Polyclonal Antibody; CCL20 Antibody; Beta-chemokine exodus-1; C C motif chemokine ligand 20; C-C motif chemokine 20; CC chemokine LARC; Ccl20; CCL20(2-70); CCL20_HUMAN; Chemokine (C C motif) ligand 20; Chemokine CC motif ligand 20; CKb4; Exodus 1; Exodus; LARC; Liver and activation-regulated chemokine; Macrophage inflammatory protein 3 alpha; MIP 3 alpha; MIP 3A; MIP-3-alpha; MIP-3a; MIP3A; SCYA20; Small inducible cytokine A20; Small inducible cytokine subfamily A (Cys Cys) member 20; Small-inducible cytokine A20; ST38; anti-CCL20 antibody

PRODUCT SPECIFICATIONS

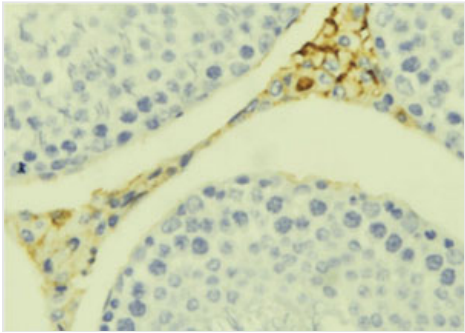
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified by peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Applicable Applications for anti-CCL20 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:100 - 1:500 The optimal dilutions should be determined by the end user. IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide dervied from human CCL20, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



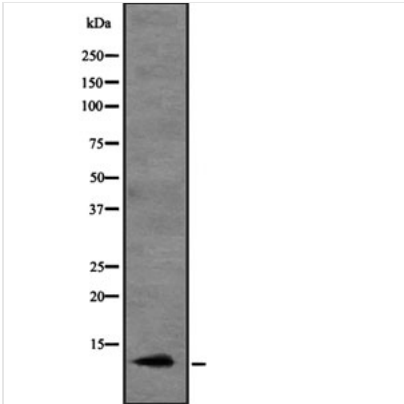
IF (Immunofluorescence)

AAA31103 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA31103) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



IHC (Immunohistochemistry)

AAA31103 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of CCL20 expression in HEK293 cells, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CCL20 antibody

Chemotactic factor that attracts lymphocytes and, slightly, neutrophils, but not monocytes. Inhibits proliferation of myeloid progenitors in colony formation assays. May be involved in formation and function of the mucosal lymphoid tissues by attracting lymphocytes and dendritic cells towards epithelial cells. C-terminal processed forms have been shown to be equally chemotactically active for leukocytes. Possesses antibacterial activity E.coli 25922 and S.aureus 29213.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194239688
NCBI GeneID	6364
NCBI Accession #	NP_001123518.1
NCBI GenBank Nucleotide #	NM_001130046.1
UniProt Accession #	P78556; Q53S51; Q99664
Molecular Weight	11 kDa
NCBI Official Full Name	C-C motif chemokine 20 isoform 2

NCBI Official Synonym Full Names	C-C motif chemokine ligand 20
NCBI Official Symbol	CCL20
NCBI Official Synonym Symbols	CKb4; LARC; ST38; MIP3A; Exodus; MIP-3a; SCYA20; MIP-3-alpha
NCBI Protein Information	C-C motif chemokine 20
UniProt Protein Name	C-C motif chemokine 20
UniProt Gene Name	CCL20
UniProt Synonym Gene Names	LARC; MIP3A; SCYA20; MIP-3-alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ccl20-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/31103>