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CCL15 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5472

Specification

CCL15 Antibody - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q16663
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**H=12 KDa**
Isotype	**Rabbit IgG**
Antigen Source	**HUMAN**

CCL15 Antibody - Additional Information

Gene ID 6359

Other Names
C-C motif chemokine 15, Chemokine CC-2, HCC-2, Leukotactin-1, LKN-1, MIP-1 delta, Macrophage inflammatory protein 5, MIP-5, Mrp-2b, NCC-3, Small-inducible cytokine A15, CCL15(22-92), CCL15(25-92), CCL15(29-92), CCL15, MIP5, NCC3, SCYA15

Dilution
WB~~1:1000
IHC-P~~1:25
FC~~1:25

Target/Specificity
This CCL15 antibody is generated from a rabbit immunized with a recombinant protein.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CCL15 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CCL15 Antibody - Protein Information

Name CCL15

Synonyms MIP5, NCC3, SCYA15

Function
Chemotactic factor that attracts T-cells and monocytes, but not neutrophils, eosinophils, or B-cells. Acts mainly via CC chemokine receptor CCR1. Also binds to CCR3. CCL15(22-92), CCL15(25-92) and CCL15(29-92) are more potent chemoattractants than the CCL15.

Cellular Location
Secreted.

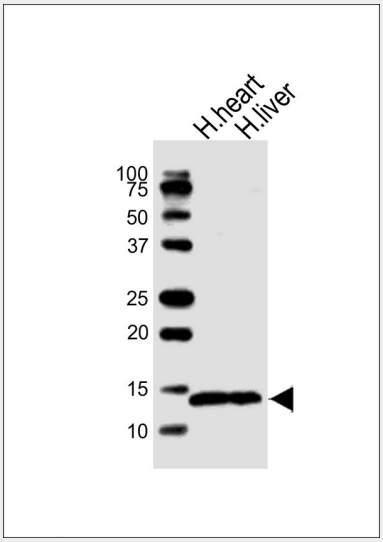
Tissue Location
Most abundant in heart, skeletal muscle and adrenal gland. Lower levels in placenta, liver, pancreas and bone marrow CCL15(22-92), CCL15(25-92) and CCL15(29-92) are found in high levels in synovial fluids from rheumatoid patients.

CCL15 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCL15 Antibody - Images



All lanes : Anti-CCL15 Antibody at 1:1000 dilution Lane 1: human heart lysates Lane 2: human liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 12 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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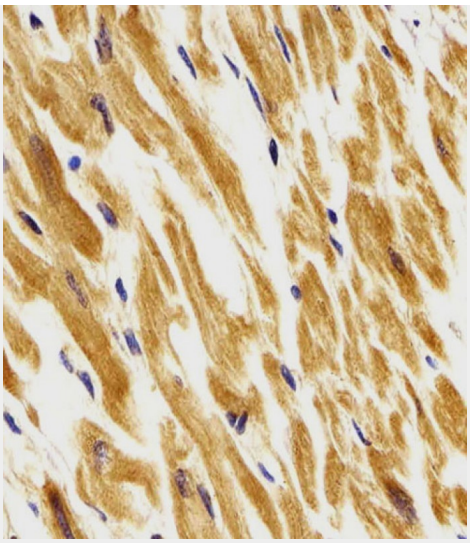
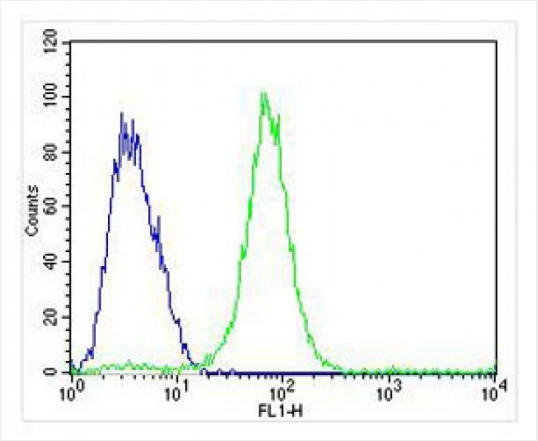


AW5472 staining CCL15 in Human heart tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing MCF-7 cells stained with AW5472 (green line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) (1583138) at 1/400 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

CCL15 Antibody - Background

Chemotactic factor that attracts T-cells and monocytes, but not neutrophils, eosinophils, or B-cells. Acts mainly via CC chemokine receptor CCR1. Also binds to CCR3. CCL15(22-92), CCL15(25-92) and CCL15(29-92) are more potent chemoattractants than the small-inducible cytokine A15.

CCL15 Antibody - References

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Wang W.,et al.J. Clin. Immunol. 18:214-222(1998).
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