SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-CCL15/AF594 Conjugated antibody

Catalog Number: SL20465R-AF594

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-CCL15/AF594
Immunogen:	KLH conjugated synthetic peptide derived from human CCL15
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human
Background:	background: This gene, chemokine (C-C motif) ligand 15, is one of several CC cytokine genes clustered on 17q11.2. The CC cytokines are secreted proteins characterized by two adjacent cysteines. The cytokine encoded by this gene is chemotactic for T cells and monocytes and induces N-acetyl-beta-D-glucosaminidase release in monocytes. It induces changes in intracellular calcium concentration in monocytes and is thought to act through the CCR1 receptor. Read-through transcripts are expressed that include exons from the downstream cytokine gene, chemokine (C-C motif) ligand 14, and are represented as GeneID: 348249. [provided by RefSeq]. **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 small-inducible cytokine A15. **Subunit:** Monomer. **Subcellular Location:** Secreted.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Tissue Specificity: 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. **Similarity:** Belongs to the intercrine beta (chemokine CC) family. **Database links:** **Entrez Gene:** 6359 Human Omim: 601393 Human **SwissProt:** Q16663 Human **Unigene:** 272493 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.