

Product datasheet for **AP23787BT-N**

CCL27 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Sandwich ELISA: To detect Human CTACK by Sandwich ELISA (using 100µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This Biotin conjugated antibody, in conjunction with Purified Anti-Human CTACK (AP23787PU-N or AP23787PU-S) as a Capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human CTACK. Direct ELISA: To detect Human CTACK by Direct ELISA (using 100µl/well antibody solution) a concentration of ~1.0 µg/ml of this antibody is required. This Biotin conjugated antibody allows the detection of at least 0.2-0.4 ng/well of recombinant Human CTACK. Western Blot: To detect Human CTACK by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human CTACK is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure recombinant Human CTACK.
Specificity:	Recognizes CTACK.
Formulation:	PBS, pH 7.2 without preservatives Label: Biotin State: Lyophilized (sterile filtered) purified Ig fraction
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography employing an immobilized Human CTACK matrix
Conjugation:	Biotin
Storage:	Store the lyophilized antibody at -20°C. Following reconstitution it is stable for two weeks at 2-8°C. Frozen aliquots are stable for 6 months when stored at -20°C. Avoid repeated freezing and thawing.



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Stability:	Shelf life: One year from despatch.
Gene Name:	C-C motif chemokine ligand 27
Database Link:	Entrez Gene 10850 Human Q9Y4X3
Background:	CTACK is a keratinocyte-derived CC chemokine which signals through the CCR10 receptor. Both CTACK and CCR10 are expressed in normal and irritated epithelial cells. CTACK selectively attracts CLA ⁺ T-cells and directs them into the skin. CTACK contains the four highly conserved cysteine residues present in most CC chemokines. The mature protein contains 88 amino acid residues.
Synonyms:	C-C motif chemokine 27, Small-inducible cytokine A27, ILC, SCYA27, Skinkine, CTACK
Protein Families:	Druggable Genome
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction