

## Product Data Sheet: LL-37

 Cat. No:
 AB-84264

 Size:
 100 ug

Clone: POLY
Concentration: 1mg/ml

Host: Rb Isotype: IgG

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids

31-170 of human CAMP

**Reactivity:** Hu, Ms,Rt

Western Blot: 1:500 - 1:2000

**Applications:** Immunohistochemistry: 1:50 – 1:200

Immunofluorescence: 1:50 - 1:200

**Molecular Weight:** 15kDa **Purification:** Aff. Pur.

**Synonyms:** CAMP;CAP-18;CAP18;CRAMP;FALL-39;FALL39;HSD26;LL37

This gene encodes a member of an antimicrobial peptide family, characterized by a highly conserved N-terminal signal peptide containing a cathelin domain and a

structurally variable cationic antimicrobial peptide, which is produced by

extracellular proteolysis from the C-terminus. In addition to its antibacterial, antifungal, and antiviral activities, the encoded protein functions in cell

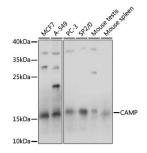
chemotaxis, immune mediator induction, and inflammatory response regulation.

Form: Liquid

**Background:** 

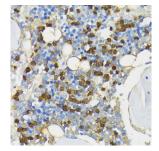
**Buffer:** PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.

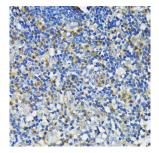


Western blot analysis of extracts of various cell lines, using LL-37 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL West Pico Plus. Exposure time: 10s.



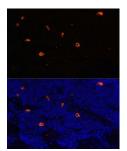
Immunohistochemistry of paraffin embedded rat bone marrow using LL-37 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin embedded human appendix using LL-37 antibody at dilution of 1:200 (40x lens).



## Product Data Sheet: LL-37



Immunofluorescence analysis of rat bone marrow using LL-37 antibody at dilution of 1:100.

Blue: DAPI for nuclear staining.

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