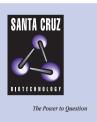
# SANTA CRUZ BIOTECHNOLOGY, INC.

# ENA-78 (LM14): sc-73930



BACKGROUND

Chemokines are members of a superfamily of inducible, secreted, proinflammatory cytokines. Members of the chemokine family exhibit 20% to 50% homology in their predicted amino acid sequences and are divided into four subfamilies. In the C-X-C or  $\alpha$  subfamily, the first two of four cysteine motifs are separated by another amino acid residue. The C-X-C chemokine subfamily includes IL-8, GRO $\alpha/\beta/\gamma$  (and the murine homologs KC, MIP-2 $\alpha$  and MIP-2 $\beta$ ), platelet basic protein, ENA-78, GCP-2, PF4, IP-10 (and its murine homolog, CRG) and MIG.

## REFERENCES

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- Taub, D.D. and Oppenheim, J.J. 1993. Review of the chemokine meeting of the Third International Symposium of Chemotactic Cytokines. Cytokine 5: 175-179.
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#### CHROMOSOMAL LOCATION

Genetic locus: CXCL5 (human) mapping to 4q13.3.

## SOURCE

ENA-78 (LM14) is a mouse monoclonal antibody raised against full length recombinant ENA-78 of human origin.

## STORAGE

Store at 4° C, \*\*D0 NOT FREEZE\*\*. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

#### **RESEARCH USE**

For research use only, not for use in diagnostic procedures.

#### PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.

### PRODUCT

Each vial contains 100  $\mu g~lgG_1$  in 1.0 ml PBS with < 0.1% sodium azide and protein stabilizer.

Available azide-free for neutralizing and blocking, sc-73930 L, 100 µg/0.1 ml.

#### **APPLICATIONS**

ENA-78 (LM14) is recommended for detection of ENA-78 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for ENA-78 siRNA (h): sc-39349, ENA-78 shRNA Plasmid (h): sc-39349-SH and ENA-78 shRNA (h) Lentiviral Particles: sc-39349-V.

Molecular Weight of ENA-78: 8 kDa.

#### **RECOMMENDED SECONDARY REAGENTS**

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-mouse IgG-HRP: sc-2005 (dilution range: 1:2000-1:32,000) or Cruz Marker<sup>™</sup> compatible goat anti-mouse IgG-HRP: sc-2031 (dilution range: 1:2000-1:5000), Cruz Marker<sup>™</sup> Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048.