Anti-IL-16 [14.1] Standard Size Ab00980-10.0

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Kappa
Clone Number: 14.1
Alternative Name(s) of Target: LCF; interleukin 16; NPRprIL-16; IL16
UniProt Accession Number of Target Protein: Q14005
Published Application(s): WB, ELISA, FC, IHC
Published Species Reactivity: Human
Immunogen: The antibody was raised against IL-16 using a synthetic peptide corresponding to the predicted amino acid sequence of a hydrophilic region of IL-16, conjugated to keyhole limpet hemocyanin.
Specificity: The antibody is specific for IL-16.
Application Notes: The antibody has been used in Western blot analysis to detect IL-16. It has been used in ELISA-type binding assays. The antibody has been used to stain endogenous IL-16 in sheets from murine ear skin after intradermal injection of TNF-α, and in flow cytometry to detect IL-16 on epidermal cells and emigrated cutaneous DC (Stoitzner et al, 2001).
Antibody First Published in: Cruikshank et al. Molecular and functional analysis of a lymphocyte chemoattractant factor: association of biologic function with CD4 expression. Proc Natl Acad Sci U S A. 1994 May 24;91(11):5109-13. PMID:7910967
Note on publication: Describes the original generation of this antibody and its use in molecular cloning of IL-16.

Product Form

Size: 200 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

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Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

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