



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse Anti-Human IL-16 Monoclonal Antibody Datasheet

Product Name: mAb anti-human IL-16	Clone No.: 323
Catalogue No.: MO-C40089J	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody to human interleukin-16 (IL-16)	Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
Purification: Protein G affinity purified	Storage: Store at -20°C
Product Type: Primary antibody- Detection antibody in matched antibody pair.	Research Area: Cytokine
Target Protein: Human IL-16	Background: Interleukin 16 (IL-16) is a pleiotropic cytokine, possessing immunomodulation function to allergic inflammatory diseases such as Crohn's disease and ulcerative colitis. IL-16 utilizes CD4 as its primary receptor. IL-16 is a chemo-attractant to CD4+ T helper 1 cells. To CD4+ T helper 2 cells, IL-16 has an inhibitory effect on the antigen-mediated CD3/T cell receptor activation.
Immunogen: Purified recombinant human IL-16	IL-16 has been shown to suppress HIV infection in lymphocytes and monocytes.
Fusion Myeloma: Sp2/0-Ag14	Applications: ELISA: The antibody matches with capture antibody clone 398 (Cat. No.: MO-C40089K) in sandwich ELISA.
Specificity: Reactive with natural and recombinant human IL-16	Western Blot
Species Reactivity: Human, others not tested	References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Cross-Reactivity: mAb 323 exhibits no detectable cross-reaction with human serum albumin, bovine serum albumin and other human cytokines or growth factors tested, such as IL-1 β , IL-8, IL-7 MCAF, TGF- β 1, EGF, bFGF, GM-CSF, M-CSF, TNF- α .	
Host / Isotype: Mouse, IgG2a Kappa	
Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2	

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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