



ANOGEN - A Division of YES Biotech Laboratories Ltd.

2355 Derry Road East, Unit 23, Mississauga, ON, Canada L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

Mouse Anti-Human IL-16 Monoclonal Antibody Datasheet

Product Name: mAb anti-human IL-16	Clone No.: 568
Catalogue No.: MO-C40089M	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	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, Western blot
Specificity: Reactive with natural and recombinant human IL-16	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.
Species Reactivity: Human, others not tested	
Cross-Reactivity: mAb 568 exhibits no detectable cross-reaction with human serum albumin, bovine serum albumin and other human cytokines or growth factors tested, such as IL-1β, IL-8, IL-7 MCAF, TGF-β1, 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 administered to human and animals for use in diagnostic and therapeutic procedures.

Manufactured by ANOGEN - A Division of YES Biotech Laboratories Ltd.