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HRP Conjugated Mouse Anti-Human IL-16 Monoclonal Antibody Datasheet

Product Name: HRP conjugated mAb anti-human IL-16

Clone No.: 323

Catalogue No.: MO-C40089T

Quantity: 0.2 mL/vial

Description: Horseradish peroxidase (HRP) conjugated mouse monoclonal antibody to human interleukin-16 (IL-16)

Purification: Protein G affinity purified

Product Type: **Tracer** antibody in matched antibody pair, HRP conjugated.

Target Protein: Human IL-16

Immunogen: Purified recombinant human IL-16

Fusion Myeloma: Sp2/0-Ag14

Specificity: Reactive with natural and recombinant human IL-16

Species Reactivity: Human, others not tested

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

Storage Buffer Formulation: Mixture of 50% glycerol and 50% PH7.2 0.01M PBS. Final PH = 7.0 \pm 0.1.

Storage: Store at -20°C

Research Area: Cytokine

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.

IL-16 has been shown to suppress HIV infection in lymphocytes and monocytes.

Applications: **ELISA:** In combination with capture antibody clone 398 (Cat. No.: MO-C40089K), this HRP conjugated antibody can be used as a tracer antibody for human IL-16 detection.

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.

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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