



## **ANOGEN** - A Division of YES Biotech Laboratories Ltd.

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

### **Mouse anti-Human Interleukin-16 (IL-16) Monoclonal Antibody [323] Datasheet (Tracer: HRP-Conjugated)**

<b>Catalogue No</b>	MO-C40089T
<b>Product name</b>	HRP-Conjugated Mouse anti-Human IL-16 Monoclonal Antibody (Tracer)
<b>Clones</b>	323
<b>Product type</b>	Matched Antibody Pair Tracer Antibody
<b>Description</b>	Mouse monoclonal antibody to Human Interleukin-16 (IL-16), Protein G affinity purified and conjugated with Horseradish Peroxidase (HRP).
<b>Target protein</b>	Human IL-16
<b>Immunogen</b>	Purified recombinant human IL-16
<b>Specificity</b>	This monoclonal antibody reacts with natural and recombinant human IL-16
<b>Reactivity</b>	Human, others not tested
<b>Cross-Reactivity</b>	No cross-reactivity with human serum albumin, bovine serum albumin and other cytokines or growth factors tested such as IL-1 $\beta$ , TGF- $\beta$ 1, TNF- $\alpha$ , IL-8, IL-7, MCP-1, EGF, bFGF, GM-CSF.
<b>Clonality</b>	Monoclonal
<b>Source</b>	Mouse
<b>Subclass</b>	IgG2a
<b>Light chain</b>	Kappa
<b>Formulation</b>	Liquid. Buffer: 0.01M PBS, pH 7.0 $\pm$ 0.1 in 50% glycerol and 0.01% thimerosal as a bacteriostat
<b>Applications</b>	<b>ELISA:</b> This HRP-conjugated monoclonal antibody can be used as tracer/detection antibody in sandwich ELISA applications for human IL-16 detection in combination with a capture antibody (Cat. No.: MO-C40089K). Suggested Capture Coating Dose: 0.3 $\mu$ g/ml; Substrate: TMB. If the above suggested conditions are followed, approximately 20 pg/mL of IL-16 in serum/plasma or 15 pg/mL of IL-16 in cell medium/urine can be detected with an assay range of 0-1000 pg/mL.
<b>Storage</b>	Store at -20 $^{\circ}$ C
<b>Research</b>	Cytokine
<b>References</b>	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administration to humans and animals for use in diagnostic and therapeutic procedures.**

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