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Mouse anti-Human EGF Monoclonal Antibody [S-146] Datasheet (Tracer: Biotin-Conjugated)

Catalogue No	MO-C40044TB
Product name	Biotin-Conjugated Mouse anti-Human EGF Monoclonal Antibody (Tracer)
Clones	S-146
Product type	Matched Antibody Pair Tracer Antibody
Description	Mouse monoclonal antibody to Human Epidermal Growth Factor (EGF), Protein G affinity purified and conjugated with Biotin.
Target protein	Human EGF
Immunogen	Purified recombinant human EGF, 6kDa, 53 amino acid residues
Specificity	This monoclonal antibody reacts with natural and recombinant human EGF
Reactivity	Human, others not tested
Cross-Reactivity	No cross-reactivity with other human cytokines such as IL-1 β , TGF- β 1, IL-8, MCP-1, and SAA
Clonality	Monoclonal
Source	Mouse
Subclass	IgG1
Light chain	Kappa
Formulation	Liquid. Buffer: 0.01M PBS, pH 7.0 \pm 0.1 in 1% gelatin and 0.1% NaN ₃
Applications	ELISA: This Biotin-conjugated monoclonal antibody can be used as a tracer/detection antibody in a sandwich ELISA for human EGF detection in combination with a capture antibody (Cat. No.: MO-C40044D). Suggested Capture Coating Dose: 0.3 μ g/well; Substrate: TMB. If the above suggested conditions are followed approximately 20 pg/mL of EGF in serum/plasma or 15 pg/mL of EGF in cell medium/urine can be detected with an assay range of 0-1000 pg/mL.
Storage	Store at -20 $^{\circ}$ C
Research	Growth factor / Cytokine
References	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 administrated to human and animals for use in diagnostic and therapeutic procedures.

Manufactured by YES Biotech Laboratories Limited. Rev. (11/05)