



**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 EGF Monoclonal Antibody [S-134] Datasheet

<b>Catalogue No</b>	MO-C40044D
<b>Product name</b>	Mouse anti-Human EGF Monoclonal Antibody [S-134]
<b>Clone No</b>	S-134
<b>Product type</b>	Primary antibodies, Matched Antibody Pair Capture Antibody
<b>Description</b>	Mouse monoclonal antibody to Human Epidermal Growth Factor (EGF), Protein G affinity purified
<b>Target protein</b>	Human EGF
<b>Immunogen</b>	Purified recombinant human EGF, 6kDa, 53 amino acid residues
<b>Specificity</b>	This monoclonal antibody reacts with natural and recombinant human EGF
<b>Reactivity</b>	Human, others not tested
<b>Cross-reactivity</b>	Does not cross react with other human cytokines tested such as IL-1 $\beta$ , IL-8, MCAF, TGF- $\beta$ and SAA
<b>Clonality</b>	Monoclonal
<b>Source</b>	Mouse
<b>Myeloma</b>	Sp2/0-Ag14
<b>Subclass</b>	IgG1
<b>Light Chain</b>	Kappa
<b>Formulation</b>	Lyophilized from a solution in 0.01M PBS, pH 7.2
<b>Reconstitution</b>	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
<b>Applications</b>	<b>ELISA:</b> This antibody can be used as a capture antibody in sandwich ELISA applications for human EGF detection in combination with a monoclonal tracer/detection antibody (HRP-conjugated, Cat. No.: MO-C40044T, or Biotin conjugated, Cat. No.: MO-C40044TB). Suggested Capture Coating Dose: 0.3 $\mu$ 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.
<b>Research</b>	Growth Factor/Cytokine
<b>Storage</b>	Store at -20 $^{\circ}$ C
<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 administrated to human and animals for use in diagnostic and therapeutic procedures.**

**Manufactured by ANOGEN - A Division of YES Biotech Laboratories Limited**