



Abazyme, LLC

Mouse anti-Human Epidermal Growth Factor (EGF) Capture Monoclonal Antibody Datasheet

Catalogue No	MO-C40044C: C-EGF1(Capture Antibody)
Product name	Mouse anti-human EGF capture monoclonal antibody
Clone No	C-EGF1
Product type	Matched antibody pair
Description	Mouse monoclonal antibody to human epidermal growth factor (EGF), Protein G affinity purified.
Target protein	Human EGF
Immunogen	Purified recombinant human EGF, 6kDa, 53 amino acid residues.
Specificity	Reactive with natural and recombinant human EGF.
Reactivity	Human, others not tested
Cross-reactivity	Does not cross react with other human cytokines tested such as IL-1 β , IL-8, MCAF, TGF- β And SAA.
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgG1
Light Chain	Kappa
Formulation	Lyophilized
Reconstitution	Double distilled water is recommended and to adjust the final concentration to 1.00 mg/mL.
Applications	ELISA: Matched Antibody pairs for dual immunoassays offer time-saving and added confidence. This pair has been selected for its ability to "sandwich" successfully 1. Coating Dose: 0.3 ug/well 2. Tracer Label: HRP or Biotin 3. 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.
Research	Growth Factor
Storage	Store at -20° C

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