



# Abazyme, LLC

## Mouse anti-Human Epidermal Growth Factor (EGF) HRP-Conjugated Monoclonal Antibody Datasheet (Tracer)

Catalogue No	MO-C40044T: T-EGF-2
Product name	Mouse anti-human EGF HRP-conjugated monoclonal antibody (Tracer)
Clone No	T-EGF-2
Product type	Matched antibody pair
Description	Mouse monoclonal antibody to human epidermal growth factor (EGF), Protein G affinity purified. T-EGF-2 is labeled with Horseradish Peroxidase (HRP).
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 $\beta$ , IL-8, MCAF, TGF- $\beta$ And SAA.
Clonality	Monoclonal
Source	Mouse
Subclass	IgG1
Light Chain	Kappa
Formulation	Liquid. Buffer: 0.01M PBS, pH 7.0 $\pm$ 0.1 in 50% glycerol and 0.01% thimerosal as a bacteriostat
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 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 $^{\circ}$ 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.