

Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com

EGF Ab

Images(1)

Cat.#: BF0066 Concn.: ~1mg/ml Mol.Wt.: 134kDa Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IF/ICC 1:200-1:1000

*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human EGF expressed in E. Coli.

Uniprot: P01133

Description: Epidermal growth factor has a profound effect on the differentiation of

specific cells in vivo and is a potent mitogenic factor for a variety of cultured cells of both ectodermal and mesodermal origin. The EGF precursor is believed to exist as a membrane-bound molecule which is proteolytically cleaved to generate the 53-amino acid peptide hormone that

stimulates cells to divide.

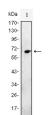


Figure 1: Western blot analysis using EGF mAb against EGF(AA:

971-1023)-hIgGFc transfected HEK293 cell lysate.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween\$20 at 4° C with gentle shaking, overnight.

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