

Mouse Monoclonal Antibody to EGF

Catalogue Number	sAP-0368
Target Molecule	Name: EGF Aliases: URG; HOMG4; EGF MW: 134kDa Entrez Gene ID: 1950
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.
Immunogen	Purified recombinant fragment of human EGF expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM4E11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Biochem J. 1992 Dec 1;288 (Pt 2):395-405. ; 2. Oncogene. 2000 Mar 16;19(12):1509-18. ; 3. Nature. 2002 Mar 14;416(6877):183-7. ; 4. Radiat Res. 2003 Apr;159(4):439-52. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**