

## DESCRIPTION

<b>Species Reactivity</b>	Human/Primate
<b>Specificity</b>	Detects human and primate EGF in ELISAs. In sandwich ELISAs, no cross-reactivity or interference is observed with recombinant mouse (rm) EGF, bovine FGF acidic, bovine FGF basic, recombinant human (rh) G-CSF, rhGM-CSF, rmGM-CSF, rhLIF, human PDGF, porcine
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # 10827
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human EGF
<b>Conjugate</b>	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
<b>Formulation</b>	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

<b>ELISA Capture (Matched Antibody Pair)</b>	Optimal dilution of this antibody should be experimentally determined.
<b>ELISA Detection (Matched Antibody Pair)</b>	Optimal dilution of this antibody should be experimentally determined.
<b>Immunohistochemistry</b>	Optimal dilution of this antibody should be experimentally determined.

## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

## BACKGROUND

EGF is the prototypic member of a family of growth factors that are characterized by the presence of EGF like domains and activate members of the EGF receptor family. Proteolytic cleavage of a membrane-bound precursor releases mature soluble EGF which interacts with the EGF R to promote proliferation and differentiation of mesenchymal and epithelial cells.

## PRODUCT SPECIFIC NOTICES

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