# Mouse anti-Human EGFR Monoclonal Antibody | anti-EGFR antibody

Anti-EGFR Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA260406** | **Mouse** | **Human** | **Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot** |

## PRODUCT SYNONYMS

EGFR; Monoclonal Antibody; Anti-EGFR Antibody; ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1; anti-EGFR antibody

## PRODUCT SPECIFICATIONS

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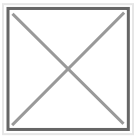
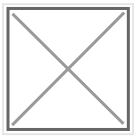
|---|---|
| **Host** | Mouse |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Specificity** | Recognizes endogenous levels of EGFR protein. |
| **Form/Format** | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide. |
| **Sequence Length** | 1210 |
| **Applicable Applications for anti-EGFR antibody** | IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot) |
| **Immunogen** | KLH-conjugated synthetic peptide encompassing a sequence of human EGFR. The exact sequence is proprietary. |
| **Preparation and Storage** | Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |

## IMAGES



**IP (Immunoprecipitation)**
Immunoprecipitation of EGFR from 0.5mg Hela whole cell extract lysate, using anti-EGFR Antibody.



**IF (Immunofluorescence)**
Immunofluorescent analysis of EGFR staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a FITC-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

**WB (Western Blot)**
Western blot analysis of EGFR expression in A431 (A), Hela (B) whole cell lysates.

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-EGFR antibody** | Mouse monoclonal to EGFR |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 2811086 |
| **NCBI GeneID** | 1956 |
| **UniProt Accession #** | P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7 |
| **NCBI Official Full Name** | Epidermal growth factor receptor |
| **NCBI Official Synonym Full Names** | epidermal growth factor receptor |
| **NCBI Official Symbol** | EGFR |
| **NCBI Official Synonym Symbols** | ERBB; HER1; mENA; ERBB1; PIG61; NISBD2 |
| **NCBI Protein Information** | epidermal growth factor receptor |
| **UniProt Protein Name** | Epidermal growth factor receptor |
| **UniProt Gene Name** | **EGFR** |
| **UniProt Synonym Gene Names** | ERBB; ERBB1; HER1 |
| **UniProt Entry Name** | EGFR_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/egfr-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-western-blot-elisa/260406