

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

Anti-EGFR Antibody

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

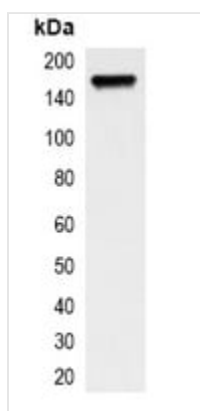
### PRODUCT SYNONYMS

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

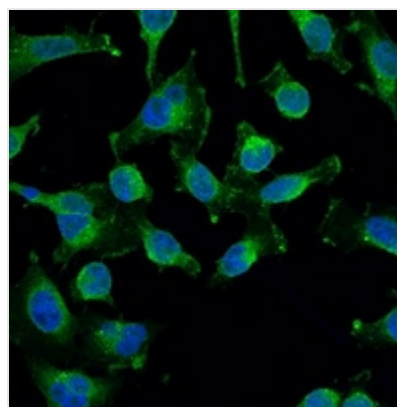
|                                                |                                                                                                            |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 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



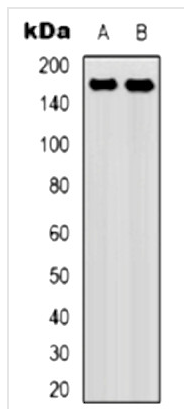
#### IP (Immunoprecipitation)

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                | <b>EGFR</b>                                                                                    |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/monoclonal/egfr-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-western-blot-elisa/260406>