# Recombinant Phospho-EGFR (Tyr1068) Monoclonal Antibody

**catalog number:** **AN301132L**

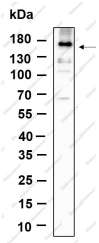
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | A synthetic peptide corresponding to residues around (Tyr1068) of Human Phospho-EGFR |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Clone** | C170755 |
| **Purification** | Protein A |
| **Buffer** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:2000-1:10000 |
| **IF** | 1:200-1:1000 |
| **ELISA** | 1:5000-1:20000 |
| **IP** | 1:50-1:200 |

## Data




Western Blot with Recombinant Phospho-EGFR (Tyr1068) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: A431 serum.

**Observed-MW:175 kDa**

**Calculated-MW:134 kDa**

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | Ice bag |

## Background

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer.


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