

Anti-Phospho-EGFR (Tyr845) Polyclonal Antibody

Product Details

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|-------------------|-----------------------------------------------------------------------------------------------------------|
| Ig Type: | IgG |
| Reactivity: | Human |
| Conjugation: | Unconjugated |
| Molecular Weight: | Actual: 134 kDa. |
| Purification: | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |

Applications

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| Application: | WB |
| Recommended | WB: 1:1000-2000 |

Properties

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|----------------------|---------------------------------------------------------------------------|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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|------------------|--------------------------------------------------------------------------------------------|
| Immunogen: | A synthesized phosphopeptide: human EGF Receptor around the phosphorylation site of Tyr845 |
| Antigen Species: | human |
| Uniprot ID: | P00533 |
| Synonyms: | p-EGFR (Y845);p-EGFR (Tyr845);EGFR (p-Tyr845);EGFR (p-Y845) |

Research Background

epidermal growth factor receptor(EGFR) Homo sapiens 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. [provided by RefSeq, Jun 2016],

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