

For Research Use Only

Phospho-EGFR (Tyr1172) Recombinant monoclonal antibody, PBS Only

Catalog Number:87164-1-PBS



Basic Information

Catalog Number:

87164-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC094761

GeneID (NCBI):

1956

UNIPROT ID:

P00533

Full Name:

epidermal growth factor receptor
(erythroblastic leukemia viral (v-erb-
b) oncogene homolog, avian)

Calculated MW:

1210 aa, 134 kDa

Observed MW:

175 kDa

Purification Method:

Protein A purification

CloneNo.:

252172E10

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

ERBB1, also named as EGFR, is a receptor for EGF, but also for other members of the EGF family, as TGF-alpha, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Phospho-EGFR (Tyr1172) is a phosphorylated form of the epidermal growth factor receptor (EGFR), which is a transmembrane glycoprotein receptor that belongs to the ErbB family of receptor tyrosine kinases (RTKs). This phosphorylation event is significant as it activates downstream signaling cascades that regulate various cellular processes, including cell growth, proliferation, and survival. Some scientists call EGFR Tyr1172 as EGFR Tyr1148, the site where the signaling peptide is removed.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

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