# Phospho-EGFR-Y1197 Rabbit pAb

Catalog No.: AP0223



## **Basic Information**

#### **Observed MW**

170kDa

#### **Calculated MW**

134kDa

## Category

Primary antibody

#### **Applications**

WB

#### **Cross-Reactivity**

Human

## **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, thus inducing receptor dimerization and tyrosine autophosphorylation leading to cell proliferation. Mutations in this gene are associated with lung cancer. EGFR is a component of the cytokine storm which contributes to a severe form of Coronavirus Disease 2019 (COVID-19) resulting from infection with severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2).

## **Recommended Dilutions**

**WB** 

1:500 - 1:2000

## Immunogen Information

Gene ID 1956 Swiss Prot

P00533

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

#### **Synonyms**

ERBB; ERRP; HER1; mENA; ERBB1; PIG61; NISBD2; Phospho-EGFR-Y1197

## Contact

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## **Product Information**

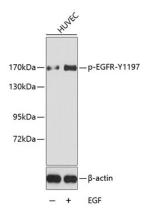
SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## **Validation Data**



Western blot analysis of lysates from HUVEC cells, using Phospho-EGFR-Y1197 Rabbit pAb (AP0223). Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane. Blocking buffer: 3% BSA.