Anti-Phospho-EGFR (Y1086) Recombinant Rabbit Monoclonal Antibody

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REAL MATTERS

Catalog #: 1647

Aliases

EGFR; Epidermal Growth Factor Receptor; ERBB1; ERRP; ERBB; Receptor Tyrosine-Protein Kinase ErbB-1; Erb-B2 Receptor Tyrosine Kinase 1; Proto-Oncogene C-ErbB-1; EC 2.7.10.1; HER1; Epidermal Growth Factor Receptor (Avian Erythroblastic Leukemia Viral (V-Erb-B) Oncogene Homolog); Erythroblastic Leukemia Viral (V-Erb-B) Oncogene Homolog (Avian); Avian Erythroblastic Leukemia Viral (V-Erb-B) Oncogene Homolog; Epidermal Growth Factor Receptor Tyrosine Kinase Domain; Cell Proliferation-Inducing Protein 61; Cell Growth Inhibiting Protein 40; EGFR VIII; EC 2.7.10; NISBD2; PIG61; MENA

Background

Gene Name: EGFR
NCBI Gene Entry: 1956
UniProt Entry: P00533

Application Information

Molecular Weight: Predicted, 134 kDa; observed, 175 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB3910
Species Reactivity: Human
Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-EGFR (Y1086)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000
Immunocytochemistry (IC): 1:100-1:1,000

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Note: This product is for research use only.

Validation Data
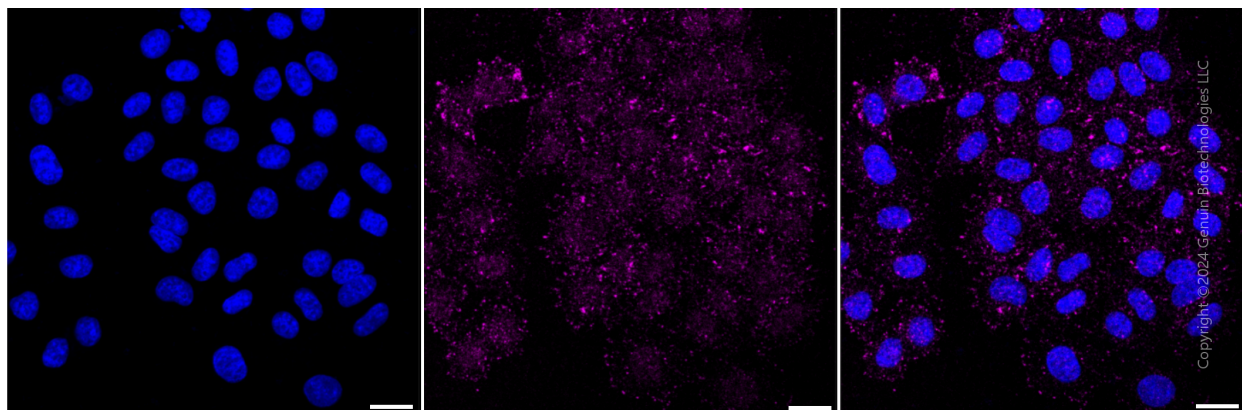
Immunocytochemical staining of HepG2 cells with anti-Phospho-EGFR (Y1086) antibody (Cat#1647, 1:1,000). Nuclei were stained blue with DAPI; Phospho-EGFR (Y1086) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 μm.
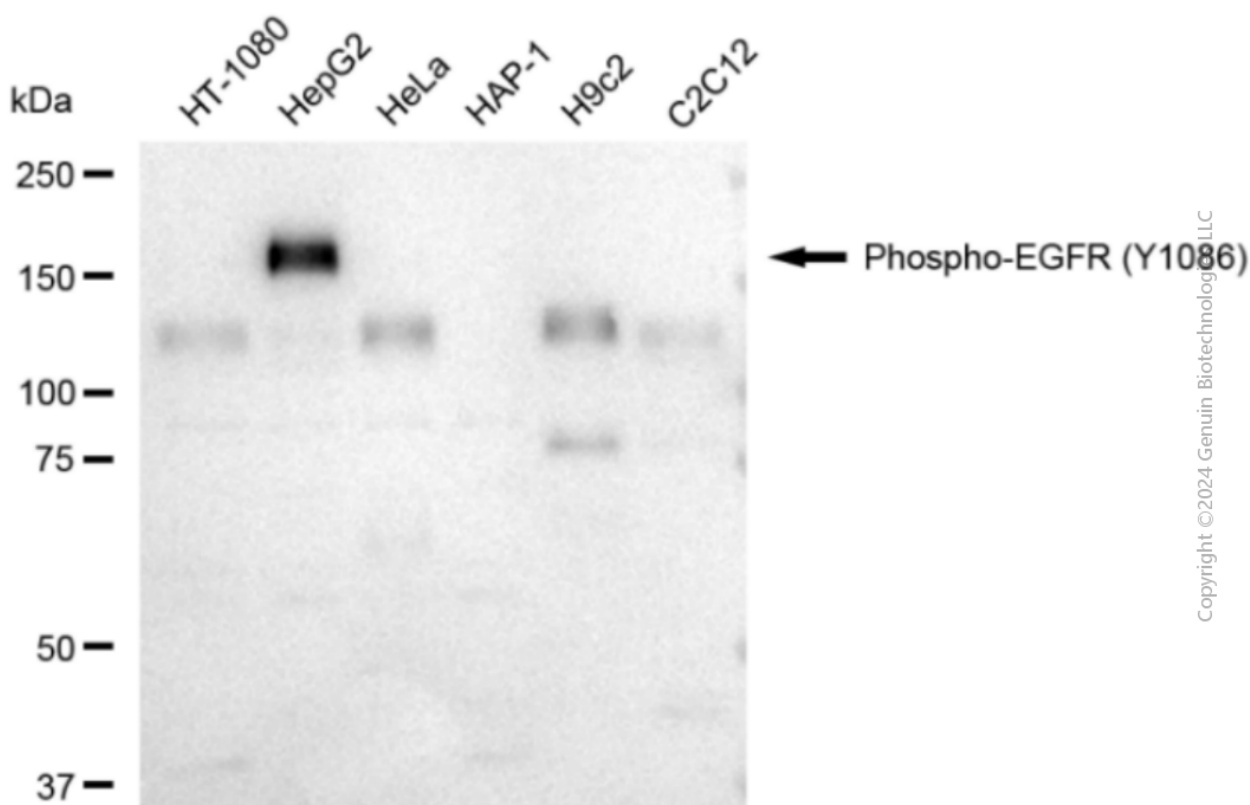
Western blotting analysis using anti-Phospho-EGFR (Y1086) antibody (Cat#1647). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was

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incubated with anti-Phospho-EGFR (Y1086) antibody (Cat#1647, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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