9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-EGFR Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2353

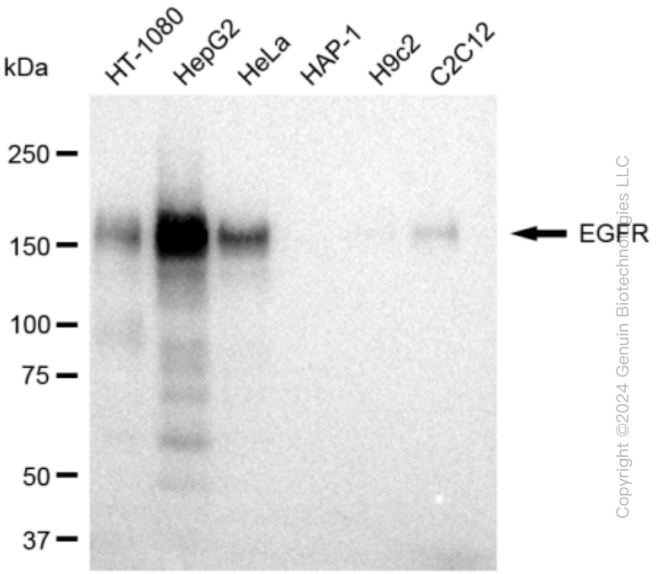
Product Overview

Name	KD-Validated Anti-EGFR Rabbit Monoclonal Antibody
Accession(Primary)	P00533
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human EGFR
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 134 kDa ; Observed, 175 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000 Immunocytochemical (IC): 1:1,000 Flow cytometry (FCM): 1:2,000

Target information (P00533)

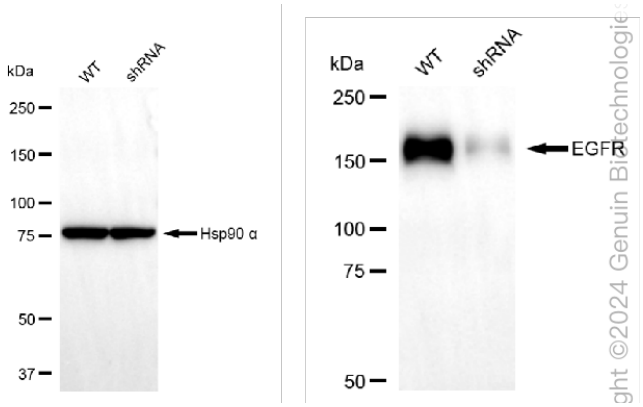
Gene Name	EGFR
About Gene Symbol	EGFR (Epidermal Growth Factor Receptor) is a receptor tyrosine kinase involved in immune signaling. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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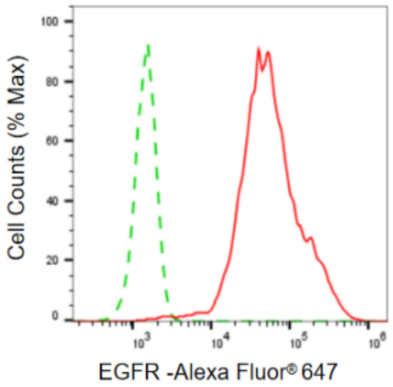
Western blotting analysis using anti-EGFR antibody (Cat#ABG2353). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-EGFR antibody (Cat#ABG2353, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Western blotting analysis using anti-EGFR antibody (Cat#ABG2353). EGFR expression in wild type (WT) and EGFR shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-EGFR antibody (Cat#ABG2353, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

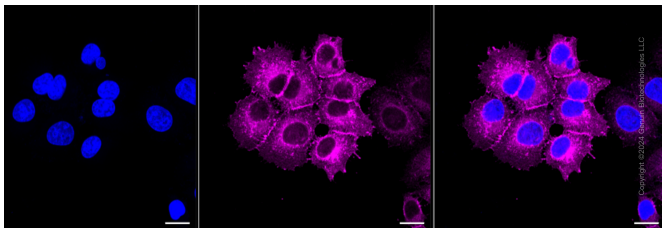
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Flow cytometric analysis of EGFR expression in HepG2 cells using anti-EGFR antibody (Cat#ABG2353,1:2,000). Green, isotype control; red, EGFR.

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Immunocytochemical staining of HepG2 cells with EGFR antibody (Cat#ABG2353, 1:1,000). Nuclei were stained blue with DAPI; EGFR was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.