9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Epidermal Growth Factor Receptor Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1812

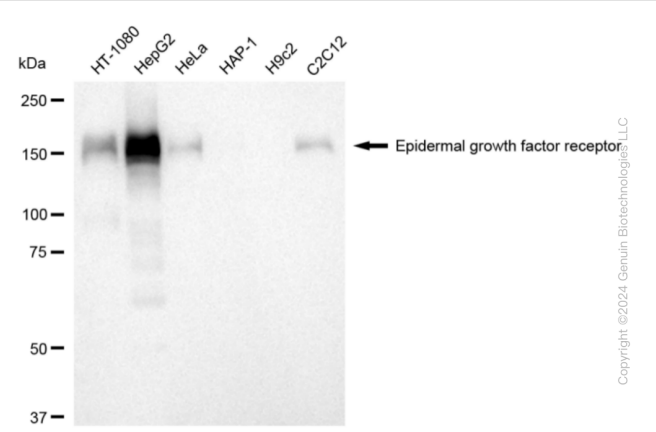
Product Overview

Name	KD-Validated Anti-Epidermal Growth Factor Receptor 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 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

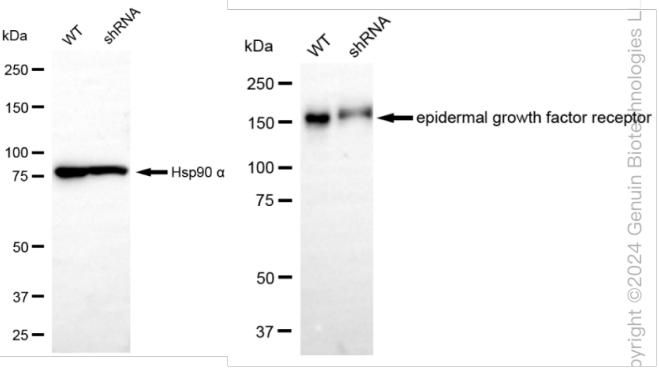
Target information (P00533)

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.

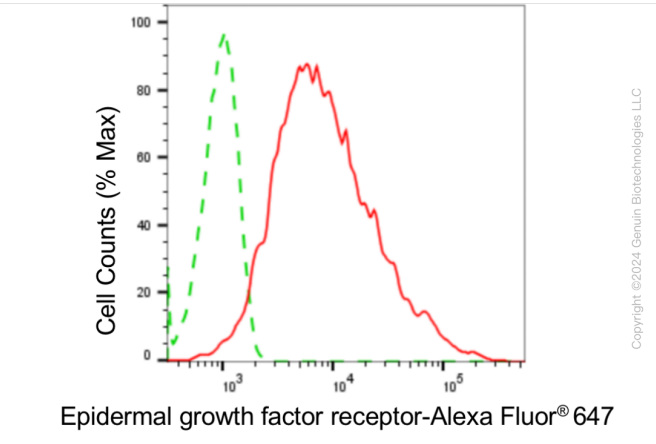
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Western blotting analysis using anti-epidermal growth factor receptor antibody (Cat#ABG1812). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-epidermal growth factor receptor antibody (Cat#ABG1812, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

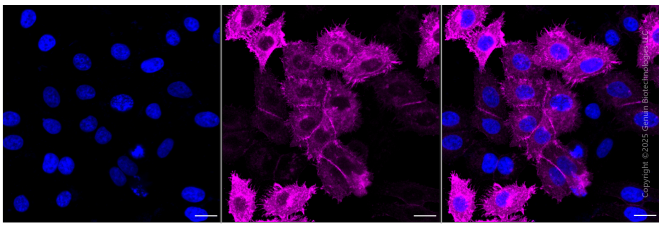


Western blotting analysis using anti-epidermal growth factor receptor antibody (Cat#ABG1812). Epidermal growth factor receptor expression in wild type (WT) and epidermal growth factor receptor (EGFR) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-epidermal growth factor receptor antibody (Cat#ABG1812, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of epidermal growth factor receptor expression in HepG2 cells using anti-epidermal growth factor receptor antibody (Cat#ABG1812, 1:2,000). Green, isotype control; red, epidermal growth factor receptor.

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Immunocytochemical staining of HepG2 cells with anti-Epidermal growth factor receptor antibody(Cat#ABG1812, 1:1,000). Nuclei were stained blue with DAPI; Epidermal growth factor receptor 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.