

KD-Validated Anti-ErbB2 receptor tyrosine kinase 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

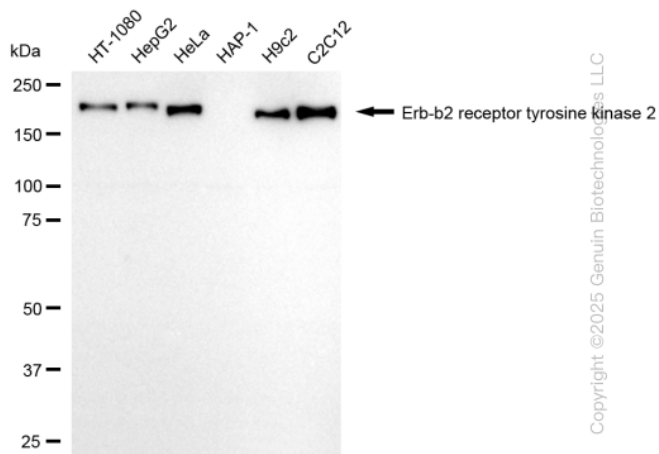
ABG2053

Product Overview

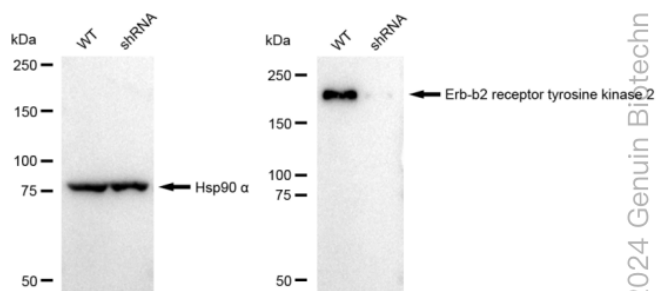
Name	KD-Validated Anti-Erb-b2 receptor tyrosine kinase 2 Rabbit Monoclonal Antibody
Accession(Primary)	P04626
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ErbB2 (HER2)
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 138 kDa , observed, 185 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 Immunocytochemistry (IC): 1:1,000

Target information (P04626)

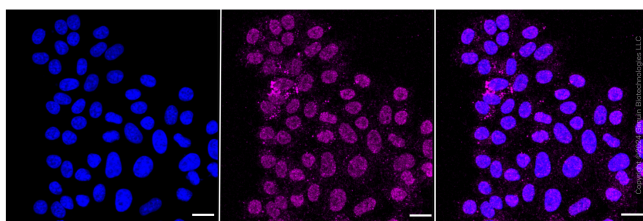
Gene Name	ERBB2
About Gene Symbol	ERBB2 (Erb-B2 Receptor Tyrosine Kinase 2) is a receptor tyrosine kinase involved in Hedgehog signaling and adaptive immunity. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therape



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Western blotting analysis using anti-Erb-b2 receptor tyrosine kinase 2 antibody (Cat#ABG2053). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Erb-b2 receptor tyrosine kinase 2 antibody (Cat#ABG2053, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Western blotting analysis using anti-Erb-b2 receptor tyrosine kinase 2 antibody (Cat#ABG2053). Erb-b2 receptor tyrosine kinase 2 expression in wild type (WT) and erb-b2 receptor tyrosine kinase 2 shRNA knockdown (KD) 293T cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Erb-b2 receptor tyrosine kinase 2 antibody (Cat#ABG2053, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Immunocytochemical staining of HepG2 cells with Erb-b2 receptor tyrosine kinase 2 antibody (Cat#ABG2053, 1:1,000). Nuclei were stained blue with DAPI; Erb-b2 receptor tyrosine kinase 2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Very low. Scale bar: 20 µm.