



Anti-ERBB2 polyclonal antibody [Biotin] (DPABY-368)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View ErbB2 IHC images.
Specificity	Detects human ErbB2 in ELISAs and Western blots. In sandwich immunoassays, less than 0.3% cross-reactivity with recombinant human (rh) ErbB3, rhErbB4, and rhEGF R is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human ErbB2. Thr23-Thr652 Accession Number P04626
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution.

6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	ERBB2 v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2 [Homo sapiens (human)]
Official Symbol	ERBB2
Synonyms	ERBB2; v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2; NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu; receptor tyrosine-protein kinase erbB-2; herstatin; p185erbB2; proto-oncogene Neu; c-erb B2/neu protein; proto-oncogene c-ErbB-2
Entrez Gene ID	2064
Protein Refseq	NP_001005862
UniProt ID	P04626
Chromosome Location	17q12
Pathway	Adaptive Immune System; Adherens junction; Alpha6-Beta4 Integrin Signaling Pathway; Axon guidance; Bladder cancer; Calcium signaling pathway; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions;
Function	ATP binding; ErbB-3 class receptor binding; RNA polymerase I core binding; epidermal growth factor-activated receptor activity; contributes_to growth factor binding; identical protein binding; protein C-terminus binding; protein binding; protein dimerizat