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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11749 - Goat Anti-ERBB2 / HER2 (aa182-194) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CD340, c-erb B2/neu protein, ERBB2, HER2, HER-2, HER-2/neu, herstatin, metastatic lymph node gene 19 protein, MLN 19, NEU, neuroblastoma/glioblastoma derived oncogene homolog, NGL, p185erbB2, proto-oncogene c-ErbB-2, proto-oncogene Neu, receptor tyrosine-protein kinase erbB-2, TKR1, tyrosine kinase-type cell surface receptor HER2, v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog), v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)

Official Symbol: ERBB2

Accession Number(s): NP_004439.2; NP_001005862.1

Human GeneID(s): [2064](#)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_004439.2; NP_001005862.1). The immunizing peptide represents part of the extracellular domain.

Immunogen

Peptide with sequence TLIDTNRSRACHP, from the internal region of the protein sequence according to NP_004439.2; NP_001005862.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

IHC: In paraffin embedded Human breast cancer shows cell membrane and cytoplasm staining in the affected cells of Her+ type and not in triple negative type. Recommended concentration, 4-6µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB11749 (4µg/ml) staining of paraffin embedded Human breast cancer (Her+ left, triple negative right). Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.