

UK Office

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EB11748 - Goat Anti-ERBB2 / HER2 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 PREYVNARHCLP, 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.

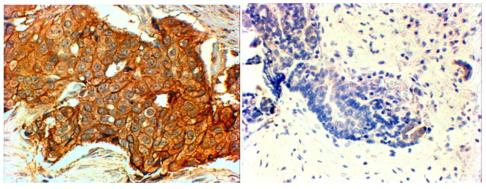
Applications Tested

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



EB11748 (4µg/ml) staining of paraffin embedded Human breast cancer (Her+ left, triple negative right). Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.