

HER2 Recombinant antibody

Cat:B32012R
Company: Haokebio

Uniprot ID:P04626

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

HER-2 (also known as HER-2/neu, c-erbB2, ERBB2, or neu) is a transmembrane receptor tyrosine kinase and also a proto-oncogene—meaning its activation can lead to malignant transformation and increase the malignant potential of cells (such as cell proliferation, invasiveness, etc.). In human cancers, HER-2 is activated through gene amplification, a type of genomic mutation in which a small segment located on chromosomal band 17q12-q21 is replicated up to 50-100 times in a single cell. HER-2 is overexpressed in 15-25% of primary breast cancers; it is also present in intestinal-type gastric cancer and gastroesophageal cancer, ovarian cancer, high-grade endometrial cancer, and some salivary gland ductal tumors. Low-level copy number gains have also been identified in rare cases of lung cancer. Studies have shown that c-erbB-2-positive breast cancers are usually associated with negative staining for estrogen and progesterone receptors; therefore, a poorer prognosis is associated with c-erbB-2 positive staining.

Protein full name:

v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)

Synonyms:

Her2 / ErbB2, Her2, Erbb2, EC:2.7.10.1, CD340

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

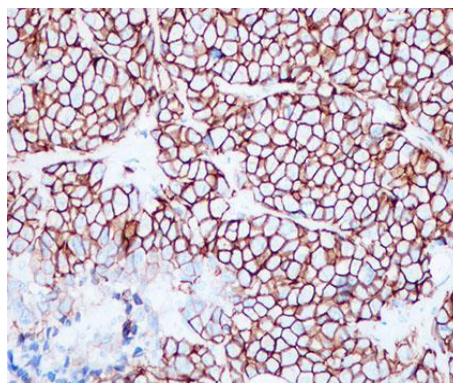
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human breast cancer tissue, 4% PFA 12-24h

Source of Reagents:

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