9853 Pacific Heights Blvd.
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10-12526: Mouse Monoclonal Antibody to HER2(Clone :BS24)

Clonality :	Monoclonal
Clone Name :	BS24
Application :	IHC
Reactivity :	Human
Gene :	ERBB2
Gene ID :	2064
Uniprot ID :	P04626
Alternative Name :	Metastatic lymph node gene 19 protein, Proto-oncogene Neu, Proto-oncogene c-ErbB-2, Tyrosine kinase-type cell surface receptor HER2, p185erbB2, CD340, HER2, MLN19, NEU, NGL

Description

ERBB2: v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian). This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase. Allelic variations at amino acid positions 654 and 655 of isoform a (positions 624 and 625 of isoform b) have been reported, with the most common allele, Ile654/Ile655, shown here. Amplification and/or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized

Product Info

Amount :	0.1 ml / 0.5 ml
Content :	TRIS with 0.03% sodium azide, pH7.2
Storage condition :	Store at 4°C

Application Note

Immunohistochemical Analysis :-1:200

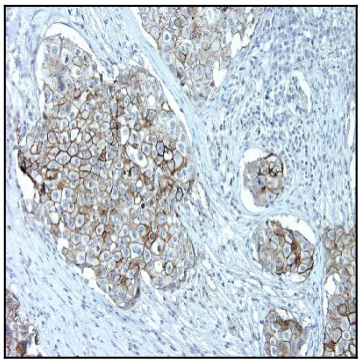

Figure-1: FFPE sections of ductal breast cancer have been stained using HER2 antibody (Clone: BS24)1:200 dilution. Hue of the DAB has been increased using CuSO4 post enhancement method. Note HER2 positive, borderline and negative staining.

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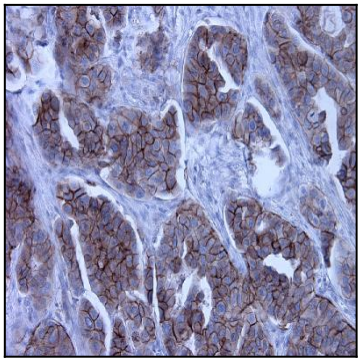

Figure-2: FFPE sections of ductal breast cancer have been stained using HER2 antibody (Clone: BS24) 1:200 dilution. Hue of the DAB has been increased using CuSO4 post enhancement method. Note HER2 positive, borderline and negative staining.

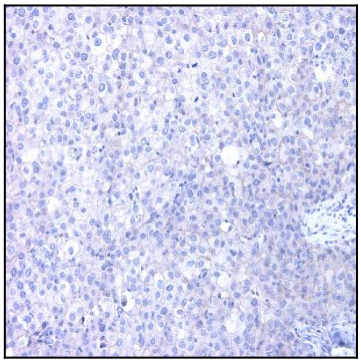

Figure-3: FFPE sections of ductal breast cancer have been stained using HER2 antibody (Clone: BS24) 1:200 dilution. Hue of the DAB has been increased using CuSO4 post enhancement method. Note HER2 positive, borderline and negative staining.

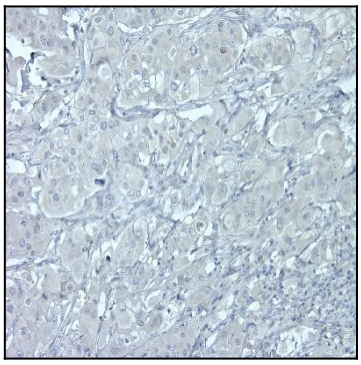

Figure-4: FFPE sections of ductal breast cancer have been stained using HER2 antibody (Clone: BS24) 1:200 dilution . Hue of the DAB has been increased using CuSO4 post enhancement method. Note HER2 positive, borderline and negative staining.