Product Name: HER-2 Mouse Monoclonal Antibody
Catalog #: AMM80585

Summary

Production Name	HER-2 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Ascitic fluid containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	HER-2
Alternative Names	HER-2, C-erB-2, erbB-2
Gene ID	2064.0
SwissProt ID	P04626. Purified recombinant fragment of HER-2 expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	/

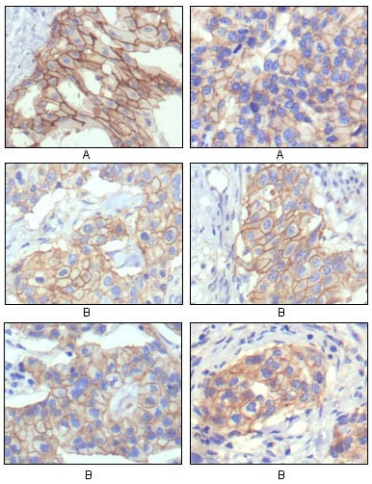
Background

The C-erbB-2 (HER-2/neu) gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. Amplification or overexpression of this gene has been reported in numerous cancers, including breast and

ovarian tumors. High levels of c-erbB-2 were associated with estrogen receptor (ER) and progesterone receptor negativity. Overexpression of the c-erbB-2 oncogene has been shown to be associated with poor prognosis in ovarian and breast cance, The level of increased Neu expression can be a predictor of disease prognosis

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded human breast intraductal carcinama tissue(A) and breast infiltrating ductal carcinama tissue(B) showing membrane localization using HER-2 mouse mAb with DAB staining.

Note

For research use only.