Her-2 mouse mAb(ABT008)

Catalog No: #57168

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

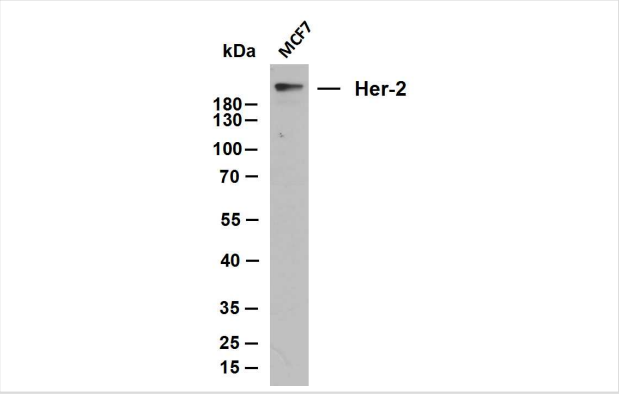
Description

Product Name	Her-2 mouse mAb(ABT008)
Brief Description	Her-2 mouse mAb(ABT008)
Host Species	Mouse
Clonality	Monoclonal
Isotype	IgG2a, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Applications	IHC;IF;WB
Species Reactivity	Human
Specificity	The antibody can specifically recognize human Her-2 protein.
Immunogen Description	Synthesized peptide derived from human Her-2
Target Name	ERBB2 HER2 MLN19 NEU NGL
Uniprot	P04626
GeneID	2064
Calculated MW	137kd
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

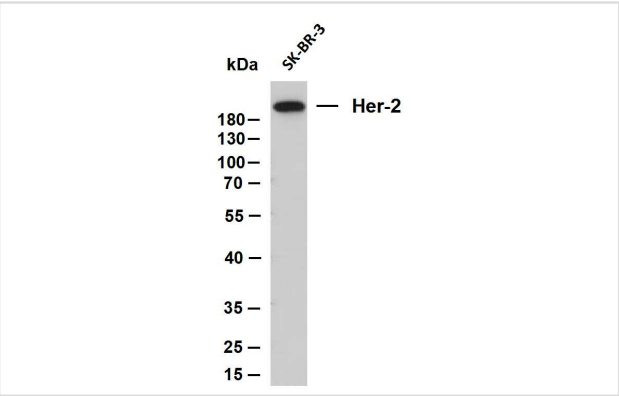
Application Details

IHC 1:100-500, IF 1:100-500, WB 1:500-2000

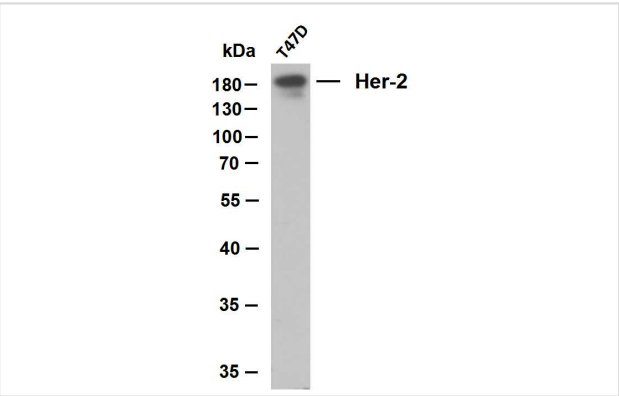
Images



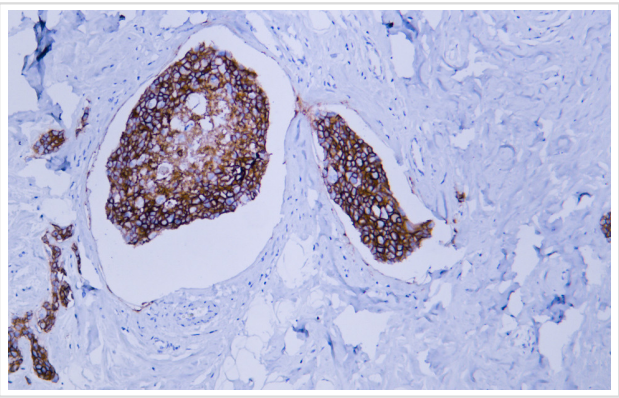
Whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Her-2(ABT088) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: MCF7 Predicted band size: 137kDa Observed band size: 200kDa



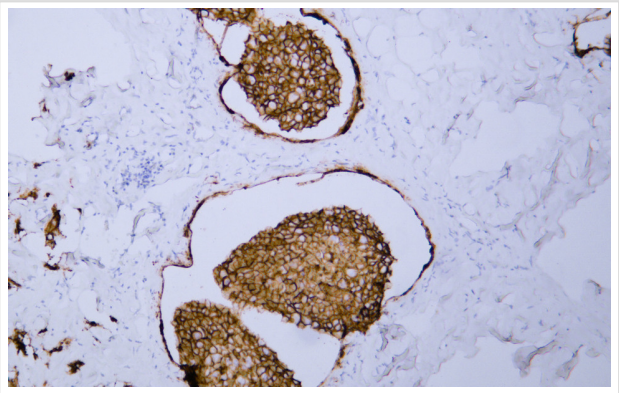
Whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Her-2(ABT088) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: SK-BR-3 Predicted band size: 137kDa Observed band size: 200kDa



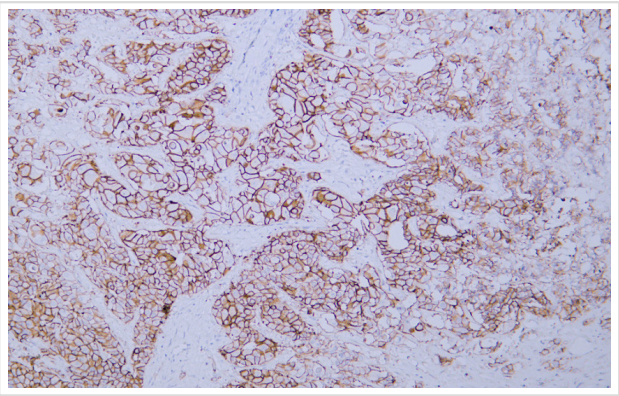
Whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Her-2(ABT008) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: T47D Predicted band size: 137kDa Observed band size: 180kDa



Human breast carcinoma tissue was stained with Anti-Her-2 (ABT008) Antibody



Human breast carcinoma tissue was stained with Anti-Her-2 (ABT008) Antibody



Human metastatic hepatocellular carcinoma of the breast tissue was stained with Anti-Her-2 (ABT008) Antibody

Background

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.

Note: This product is for in vitro research use only