



PROTEIN
BIOTECHNOLOGIES

C-ERBB2/HER2/C-NEU (CLONE ORP185)
MOUSE MONOCLONAL ANTIBODY

Catalog Number: PBT-2158

Description: Amplification of the human protooncogene c-neu occurs in approximately 30% of breast carcinomas and the amplification may be a useful predictor of disease prognosis. Gene amplification and the resulting overexpression of protooncogene encoded proteins is thought to transform cells by chronically stimulating signal transduction pathways and in model systems overexpression of human c-neu induces cellular transformation. In the rat model system, a point mutation has been located within the transmembrane domain of the c-neu oncogene.

Size: 100 ug
The vial is provided with a 10% overfill. Maximum recovery can be obtained by centrifuging the vial briefly to collect any solution on the cap and tube sides.

Species Cross-Reactivity: Human

Application/Dilutions: Immunofluorescence: 2.0 ug/ml

Source: Balb/c mice were immunized with cells overexpressing human c-neu protein and fusing the splenocytes with SP2/0 mouse myeloma cells. The epitope is known to reside within the extracellular domain.

Form/Storage: Purified IgG₁ with 50% glycerol, 0.01% sodium azide and 1.0 mg/ml BSA. Store at -20° C. Avoid multiple freeze/thaw cycles.

FOR RESEARCH USE ONLY