

Product Datasheet

c-erbB-2 antibody (orb669759)

Description

Mouse monoclonal antibody to c-erbB-2

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested

FC, IF, IP

Applications
Immunogen

20x10⁶ SKBR3 human breast tumour cells were injected into BALB/c mice. The hybridomas generated from the mice spleen cells were then screen for antibodies reactive to c-erbB-2 using immunofluorescence and immunoprecipitation.

Target

c-erbB-2

Preservatives

PBS with 0.02% Proclin 300.

Concentration

1 mg/ml

Storage

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Note

For research use only

Application notes

Immunofluorescence and immunoprecipitation were used to confirm the specificity of FWP51 for c-erbB-2 (Harwerth et al, 1992). Flow cytometry showed that FWP51 binds the extracellular domain of c-erbB-2 (Harwerth et al, 1992). FWP51 has also been fused to the bacterial toxin, exotoxin A. The resultant fusion protein Fv(FWP51)-ETA selectively inhibited protein synthesis in cells expressing high levels of human c-erbB-2 protein, but not in cells expressing little to no human c-erbB-2 protein. Administration of FWP51 to mice impanted with human erbB-2 transformed NIH3T3 cells led to inhibition of the onset of tumour growth (Harwerth et al, 1993).

Isotype

IgG

Clonality

Monoclonal

Purity

Purified

Uniprot ID
P04626
Expiration Date

12 months from date of receipt.