



PRODUCT DATA SHEET

Product: C-erb B2, clone CB11

Cat. No: MC-741 (1 ml)

Background:

C-erb B2 oncogene codes for a membrane protein, Neu protein. In several studies the amplification of C-erb B2 oncogene in carcinomas has been reported. Overexpression of the Neu oncogene protein can be demonstrated by this antibody.

Specificity:

In immunoblotting the antibody reacts with a 185 kDa protein.

Positive control: Adenocarcinoma of the breast

Species Reactivity:

Human, others not tested.

Ig Isotype: Murine IgG1

Antigen Localization:

Tumor cell membranes.

Immunogen:

Synthetic peptide corresponding to a site on the internal domain of the C-erb B2 oncoprotein.

Format:

1 ml cell culture supernatant with 0.1% sodium azide.

Storage and Stability:

Stable for 2 months when stored at 4°C. Stable for 1 year when stored at -20°C.

Applications and Suggested Dilutions:

- Immunohistology: Frozen (fixation: acetone 10 min RT), paraffin sections (fixation: formalin).
- Immunoblotting: recommend working dilution 1:5-1:10. Dilution buffer 0.15 M PBS with 1% BSA and 1% sodium azide.

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.