**MONOCLONAL ANTIBODIES FOR IMMUNOPATHOLOGY**

**anti-MELANOMA**

Cat. No. C34930 (Concentrated Antibody)

0.5 ml, 20-50X concentrate

**Clone:**

HMB45

**Antibody Type:**

Mouse IgG1

**Supplied:**

Affinity purified monoclonal antibody concentrate, supplied in phosphate buffered saline containing 1% bovine serum albumin (BSA) and 0.1% sodium azide.

*Warning:* Sodium azide can react with lead or copper in drain lines to form explosive metal azides. Upon disposal, flush with a large volume of water to prevent azide build-up in drain lines.

A 20- to 50-fold dilution of the antibody is suggested. Optimal dilution must be determined by the user.

**Quantity:**

0.5 ml

**Storage:**

Store refrigerated at 2-8°C if the product will be used routinely. For long term storage, aliquot into small, convenient portions and store frozen at or below -20°C in a freezer that is not self-defrosting. Avoid multiple freeze-thaw cycles or exposure to frequent temperature changes.

**Specificity:**

HMB45 reacts with a melanoma-specific antigen present in melanocytic cells and junctional nevi. The antibody does not react with normal melanocytes nor intradermal nevus cells. It is also nonreactive with other neoplasms including sarcomas, carcinomas and glial tumors.

**Application:**

This antibody can be used for staining of paraffin-embedded tissue sections fixed in neutral buffered formalin and is compatible with most commonly used histological fixatives.

Choose a good quality enzyme-linked anti-mouse IgG1 antibody for detection.

**References:**


For Technical Assistance call ENZO:

Toll free from the U.S. and Canada: 1-800-221-7705
All others: 631-694-7070
Fax: 631-694-7501