



PRODUCT DATA SHEET

Product: Anti-MDR3 / P-Glycoprotein mAb, clone P₃II-26

Cat. No.: MC-224 (1 mL)

Specificity:

P₃II-26 reacts with an internal epitope of MDR3 / P-Glycoprotein (ABCB4). P₃II-26 does not cross-react with the human MDR1 / P-Glycoprotein.

Immunogen:

A fusion protein containing a fragment of the MDR3 / P-Glycoprotein comprised of amino acids 629-692 and Glutathione S Transferase.

Species Reactivity:

Human and guinea pig. Others not tested.

Ig Isotype:

Mouse IgG_{2b}

Format:

1 mL of protein G purified monoclonal antibody at 100 µg/mL in PBS with protein stabilizer and 0.02% sodium azide.

Storage:

Store at 4°C for short term. Aliquot and store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Applications and Suggested Dilutions:

- Western blot
- Immunocytochemistry: Use at a dilution of 1:20–1:50.
- Immunohistochemistry: Use at a dilution of 1:2 on frozen sections,
- Flow cytometry: Optimal conditions still to be determined.

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.