



PRODUCT DATA SHEET

Product: Anti-LRP/MVP (Major Vault Protein) mAb, clone LRP-56

Cat. No.: MC-069 (1 mL)

Specificity:

LRP-56 reacts with an internal epitope of LRP-protein (P110) an MDR-related antigen which is strongly overexpressed in various human P-glycoprotein-negative MDR tumor cell lines.

Species Reactivity:

Human. Others not tested.

Ig Isotype:

Mouse IgG_{2b}

Immunogen:

110 kDa LRP-protein (P110).

Format:

1 mL (>200 tests) monoclonal antibody at ~100 µg IgG/mL with protein stabilizer and 0.1% 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:

- Flow cytometry: Use at a 1:50 dilution after fixing cells in 10% (v/v) lysing solution followed by incubation with anti-mouse-FITC.
- Immunocytochemistry: For acetone-fixed cell preparations, use at a 1:20-1:50 dilution.
- Immunohistochemistry: For acetone-fixed frozen sections use at a 1:20-1:50 dilution. For formalin-fixed, paraffin-embedded tissues use at a 1:20 dilution.
- Western blot: Not suitable for Western blot.

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.