



## PRODUCT DATA SHEET

**Product:** Anti-LRP/MVP mAb, clone MVP-37

**Cat. No.:** MC-225 (1 mL)

**Specificity:**

This antibody reacts with an internal epitope of LRP/MVP (p110) accordingly to an increase in the number of vault particles. LRP is strongly overexpressed in various human non-P-glycoprotein MDR tumor cell lines.

**Ig Isotype:**

Mouse IgG<sub>2b</sub>

**Format:**

1 mL of monoclonal antibody solution containing approximately 250 µg of immunoglobulin per mL. The solution contains 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:**

- Western blotting: Use at a 1:50 dilution (chemi-luminescence).
- Immunohistochemistry: Use at a 1:20 to 1:50 dilution on 4% paraformaldehyde fixed cytospin preparations or frozen tissue sections. The following pretreatment is recommended: 10 min. in 20 mM glycine, pH 7.5, and 10 min. in 6 N guanidine hydrochloride in 50 mM Tris-HCl, pH 7.5. MVP-37 performs well on paraffin-embedded tissue sections.

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.