

Monoclonal antibody to LRP, clone LMR5 Monoclonal Antibody

Catalog No.: MON 9028

Quantity: 1 ml

Specificity

LMR5 reacts with an internal epitope of the LRP/Major Vault Protein (P110), which is strongly over expressed in various human non-P-glycoprotein MDR tumor cell lines.

Immunoglobulin type

Rat IgG

Use

LMR5 has potential value for detection of LRP/MVP-associated non-Pgp MDR in human tumor samples. The antibody can be diluted 1:20 for immuno-histochemical staining of frozen sections, air-dried or acetone fixed cells, paraffin embedded tissue sections and flow cytometry (note: cell permeabilization required).

Presentation

1 ml vials (>> 200 tests) containing antibody dissolved in 1% BSA containing 0.1% Sodium azide. Concentration approx. 50µg Ig/ml.

Literature

- Scheper R.J., et al., 1993, Cancer Res. 53, 1475.
- Scheffer, G.L., et al., 1995, Nature Med. 1, 578.
- Izquierdo M.A., et al., 1995, JNCI, 87, 1230.
- Flens, et al., 1997, Int.J.Cancer. 73, 249.
- Schroeijers, et al., 1998, Am J.Path. 152, 373.

Safety information about the cell lines and culture media used in the production of the Mab.

Mab producing cells:

The hybridoma cell line was obtained by fusion of lymph node cells from an immunized mouse (Balb/c) with SP2/O mouse myeloma cells.

Culture medium:

RPMI-1640 (Gibco, Paisley, Scotland UK), supplemented with Nutridoma-SR (Boehringer, Indianapolis, USA). The medium does not contain serum nor added enzymes. The antibody solution has been filtered through a 0.22 micron filter.

NOTE:

This monoclonal antibody has been produced in a clinical laboratory in which no animal viruses are being studied or cultured.

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