



## PRODUCT DATA SHEET

**Product:** Anti-Sialyl LeX, clone KM93

**Cat. No.:** MC-014 (100 µg)

**Specificity:**

Reacts with glycoproteins >1,000 kDa in serum or chest ascites from various cancer patients. In lung primary tumors, this antibody strongly reacts with adenocarcinomas. It reacts with a portion of squamous cell epithelial, large-cell and small-cell cancers. It also reacts with cells from cholangioma, stomach, colon, pancreatic or breast cancers. It reacts with cervix endometrium, ovary mucin cystic gland and cystic cancers. In adult normal tissue, this antibody reacts with epithelium and bronchus gland from the lung, part of the colon gland, stomach gland, germ cells, epithelium of pancreatic duct, aciner cells, epithelium of gall duct, epithelium of renal tubule and part of myeloid cells.

**Ig Isotype:**

Mouse IgM

**Immunogen:**

Human lung adenocarcinoma cells

**Format:**

500 µL of 200 µg/mL antibody in 0.5M NaCl, 0.15M phosphate buffer, pH 7.4, with 1% BSA and 0.1% sodium azide.

**Purity:**

>95% as determined by SDS-PAGE.

**Storage:**

Store at 4°C.

**Applications and Suggested Dilutions:**

- Flow Cytometry: Use 10 µg/mL
- Immunohistochemistry: For paraffin sections use 1:40 dilution.
- Adhesion Blocking: Suggested concentration 10-100 µg/mL.
- ELISA
- Western Blot: Use ~1 µg/mL

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.