



PRODUCT DATA SHEET

Product: Anti-Lung Adenocarcinoma, Clone KM432

Cat. No: MC-084 (100 µg)

Background:

Monoclonal antibody recognizes lung cancer-related glycoprotein sugar chains.

Specificity:

In lung primary cancers, reacts at a high rate with adenocarcinoma and squamous epithelial carcinoma. When used to stain serum, reacts with glycoprotein sugar chains having a molecular weight of more than 900 kDa.

Ig Isotype: IgG1

Immunogen:

Thymus mucin fraction from human adenocarcinoma

Format:

200 µl of 0.5 mg/ml purified antibody. Purified from ascites by Protein A affinity chromatography.

Storage and Stability:

Store at -20°C.

Applications and Suggested Dilutions:

- Immunohistochemistry: Use on paraffin sections.

The optimal dilution for a specific application should be determined by the researcher.

References:

1. Shitara, K., et al. Serum diagnosis of lung adenocarcinoma using anti-human lung cancer monoclonal antibodies, KM227 and KM432. *The 8th Meeting of Tumor Markers Research Group*. 223-5 (1988).
2. Shitara, K., et al. Detection of a novel lung adenocarcinoma-associated serum antigen defined by two monoclonal antibodies, KM432 and KM227. *Anticancer Res.* 13: 579-586 (1993).

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.