



Mouse Anti-Human Lung Carcinoma Monoclonal Antibody Datasheet

Product Name: mAb anti-Human Lung Carcinoma

Clone No.: CHALU2

Catalogue No.: MO-T40005B

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody to human lung carcinoma

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Human lung related protein

Immunogen: Human lung carcinoma cells

Fusion Myeloma: Sp2/0-Ag14

Specificity: Using indirect immunofluorescence assay and ELISA, this mAb showed positive reaction with lung adenocarcinoma, squamous cancer and small cell carcinoma. It is also reactive to some human melanoma and other tumours.

Reactivity: Human, others not tested

Species Reactivity: No cross reactions to human adult normal tissues and fetal tissues.

Host / Isotype: Mouse, IgG1 Kappa

Formulation: Lyophilized from a solution in 0.02M PBS, pH7.0

Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.

Storage: Store at -20°C

Research Area: Oncology

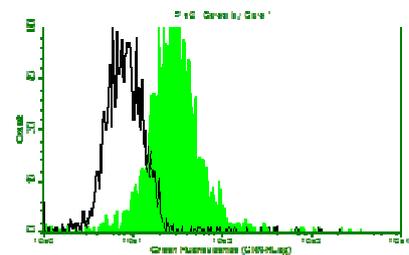
Background: Cancers that derived from epithelium of the lung are called lung carcinoma. Each year, lung carcinoma causes over one

million of deaths worldwide.

Based on the size of cancer cells, lung carcinoma is grouped into two types: small cell lung cancer (SCLC) and non-small cell lung cancer (NSCLC). SCLC is strongly associated with smokers. SCLC grows and metastases very fast and responds to surgical resection poorly. NSCLC includes squamous cell carcinoma, adenocarcinoma and large cell carcinoma. Antibodies against lung carcinoma can be used as a guiding tool in bio-missile cancer therapy strategy.

Applications:

Fluorescence flow cytometry:



Above is the histogram of N9 cells stained with 10µg/mL mAb clone CHALU2 and fluorescence labelled secondary antibody. Black line represents the histogram of N9 cells stained by control antibody, mAb anti-TB 38Kd antigen clone B12F8 (Cat. NO.: MO-I40021D).

Indirect immunofluorescence assay

References:

If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

This product is for LABORATORY RESEARCH USE and further manufacture ONLY, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

Manufactured by ANOGEN - A Division of YES Biotech Laboratories Ltd.