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2355 Derry Road East, Unit 23, Mississauga, ON, Canada L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

Mouse Anti-Human Lung Carcinoma Monoclonal Antibody Datasheet

Product Name: mAb anti-Human Lung Carcinoma

Clone No.: 3504

Catalogue No.: MO-T40005C

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 cancer related protein

Immunogen: Human lung carcinoma cell line

Fusion Myeloma: Sp2/O-Ag14

Specificity: This mAb showed positive reaction with squamous cell lung carcinoma in IHC, and also showed positive reaction with lung adenocarcinoma using indirect immunofluorescence assay and EIA.

Cross-reactivity: Not available

Species Reactivity: Human, others not tested.

Host / Isotype: Mouse, IgG2b Kappa

Formulation: Lyophilized from a solution in 0.01M PBS, pH7.0

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

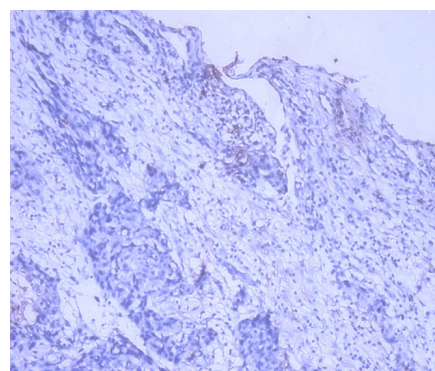
Storage: Store at -20°C

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.

Applications: **IHC:** Figure below shows the IHC result with squamous cell lung carcinoma section using clone 3504.



The tissue section was treated by heat induced epitope retrieval before primary antibody was added. The secondary antibody was an HRP-labelled goat anti-mouse IgG antibody.

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.

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