

Monoclonal Antibody to Lung Cancer Marker MOC-21 - Supernatant

Catalog No.:	BM5544
Quantity:	1 ml
Host / Isotype:	Mouse / IgG2a
Clone:	MOC-21
Immunogen:	Isolated from small cell lung carcinoma-derived cell line.
Format:	State: Liquid Culture supernatant Buffer System: PBS with 1% BSA and 0.1% Na-Azide
Applications:	<u>Immunohistochemistry on frozen sections:</u> 1:5 - 1:10; 1 h at room temperature. Recommended for Positive Control: Brain/adrenal gland. <u>Immunoblotting.</u> <u>Cell suspensions.</u> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	MOC-21 reacts with membrane-associated proteins of 120 kD, 125 kD and 145 kD in normal and malignant tis-sue, including a subgroup of SCLC. Lack of reactivity with MOC-21 and MOC-32 (Cat. No. BM5545) within this SCLC subgroup correlates with a bad response to chemotherapy. Special procedure for bronchoscopically pro-cured material (see ref. 2). Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Berendsen HH, de Leij L, Postmus PE, Ter Haar JG, Poppema S, The TH. Detection of small cell lung cancer metastases in bone marrow aspirates using monoclonal antibody directed against neuroendocrine differentiation antigen. J Clin Pathol. 1988 Mar;41(3):273-6. PubMed PMID: 2834417. 2. Berendsen HH, De Leij L, Poppema S, Postmus PE, Sluiter HJ, The H. Simultaneous standard light microscopy and immunohistology on bronchoscopically procured lung cancer specimens. Eur J Cancer Clin Oncol. 1988 May;24(5):915-21. PubMed PMID: 2844544.