

AM33335PU-S**Monoclonal Antibody to Lung Specific Antigen - Purified**

Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	LSA120
Immunogen:	Protein extract of Human lung cells.
Format:	State: Liquid purified IgG fraction from Bioreactor Concentrate Purification: Protein A/G Chromatography Buffer System: 10mM PBS Preservatives: 0.05% Sodium Azide Stabilizers: 0.05% BSA
Applications:	Immunofluorescence: 0.5-1 µg/ml. Immunocytochemistry on Frozen Sections: 0.5-1.0 µg/ml for 30 minutes at RT. Immunohistochemistry on Frozen Sections: 0.5-1 µg/ml for 30 min at RT. <u>Positive Control:</u> Normal human lung or lung carcinoma. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This Monoclonal LSA120 Antibody is directed against a lung cell antigen. It shows a well-defined reactivity with cells of the lung lineage at all stages of maturation. Non-lung lineages are negative by immunohistology. Although the exact identity of its antigen has yet to be determined, it has been shown to be distinct from MOC-52 and UM-A9 proteins. This MAb is useful in the identification of normal and neoplastic human lung cells. <u>Cellular Localization:</u> Cytoplasmic. Species: Human. Other species not tested.
Storage:	Store undiluted at 2-8°C. Shelf life: one year from despatch.