

Product datasheet

Human lung tumor tissue lysate (squamous cell carcinoma) - soluble fraction (male, 40 years) ab42526

Overview

Product name	Human lung tumor tissue lysate (squamous cell carcinoma) - soluble fraction (male, 40 years)
General notes	<p>Tissue: Lung Location: Right upper lobe Diagnosis: Squamous cell carcinoma Stage: II T₂N₀M₀ Grade: II Sex: Male Age: 40 years Gross findings: Tumor size 12 x 14 x 14 cm, ill demarcated. Cut section soft, hemorrhagic. Microscopic findings: Tumor shows proliferation of malignant epithelial cell clusters. Epithelial cells are characterized by polygonal and spinal formation with cuboidal, columnar nuclei and predominant nucleoli. Nuclear chromatin is coarse and irregularly distributed. Mitotic figures are abundant. The surrounding stroma is hemorrhagic and infiltrated by large numbers of lymphocytes, plasma cells, eosinophils and neutrophils. Tumor necrosis and blood vessel invasion are revealed.</p> <p>This product belongs to a range of individual sets of lysates that were extracted from very specific tissues and are gender-, cancer subtype-, tumor grade- and cellular morphology-specific. They allow for consistency, reproducibility, and comparative studies from experiment to experiment, due to the existence of specific (matched) lysates that can be used as controls. Two extractions from each tissue were performed, extraction 1 yielding the soluble protein fraction and extraction 2 the insoluble protein fraction. Please find below a range of products that relate to ab42526: Extraction 1: soluble protein fraction ab42526 Human Lung Tumor Tissue lysate ab42525 Human Lung Normal Tissue lysate (matched) Extraction 2: insoluble protein fraction ab42528 Human Lung Tumor Tissue lysate ab42527 Human Lung Normal Tissue lysate (matched)</p>

Properties

Form	Liquid
Storage instructions	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Constituents: PBS, 0.0001% Pepstatin A, 0.018% Sodium orthovanadate, 0.004% Sodium fluoride, 0.0001% Aprotinin, 0.0001% Leupeptin, 0.25% Sodium deoxycholate, 0.017% PMSF, 0.1% SDS, 0.029% EDTA</p>
Purification notes	Tissue specimens are homogenized in modified RIPA buffer to obtain the soluble proteins, and centrifuged to clarify. The lysate solution may appear turbid at cold temperatures due to insolubility of buffer components. The solution should clear upon warming to room temperature.

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