

Product datasheet

Human stomach tissue lysate (signet-ring cell carcinoma) - soluble fraction (male, 44 years) ab44305

Overview

Product name	Human stomach tissue lysate (signet-ring cell carcinoma) - soluble fraction (male, 44 years)
General notes	<p>Location: Lesser curvature Diagnosis: Signet-ring cell carcinoma Stage: IIB Grade: n/a Gross findings: Tumor measures 3cm x 3cm x 3.5cm in diameter. Cut section hard and white/gray. Paragastric lymph nodes: 5. Microscopic findings: The tumor is composed of malignant cells with coarse chromatin and large vacuolated cytoplasm. The tumor has large numbers of signet-ring cells mixed with other tumor cells, floating in a mucin pool and infiltrating the gastric wall. Blood vessel and serosal invasions are not revealed. No tumor necrosis. Lymph nodes show 0/5 positive.</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 ab44305: Extraction 1: soluble protein fraction ab44305 Human Stomach Tumor Tissue lysate ab44304 Human Stomach Normal Tissue lysate (matched) Extraction 2: insoluble protein fraction ab44307 Human Stomach Tumor Tissue lysate ab44306 Human Stomach 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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