

Product datasheet

Human colon tissue lysate (adenocarcinoma) - soluble fraction (female, 69 years) ab44222

Overview

Product name	Human colon tissue lysate (adenocarcinoma) - soluble fraction (female, 69 years)
General notes	Tissue: Colon Location: Transverse colon Diagnosis: Villous Adenocarcinoma, well differentiated Stage: IV Grade: Not recorded Sex: Female Age: 69 years Gross findings: Tumor size 6 x 5 cm. Cut section is soft, white. Microscopic findings: Tissue sections show malignant columnar cells arranged in glands. The malignant cells have clear cytoplasm with vacuoles. Many irregular and monstrous nuclei. The malignant cells have invaded into the colon wall. Soluble protein fraction.

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 ab44222: Extraction 1: soluble protein fraction [ab44221](#) Human Colon Normal Tissue lysate (matched) Extraction 2: insoluble protein fraction [ab44224](#) Human Colon Tumor Tissue lysate [ab44223](#) Human Colon Normal Tissue lysate (matched)

Properties

Form	Liquid
Storage instructions	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 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
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.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors