

## Product datasheet

# Human colon tissue lysate (adenocarcinoma) - soluble fraction (female, 38 years) ab44166

### Overview

<b>Product name</b>	Human colon tissue lysate (adenocarcinoma) - soluble fraction (female, 38 years)
<b>General notes</b>	Tissue: Colon Location: Ascending colon. Diagnosis: Adenocarcinoma, well differentiated. Stage: I T <sub>2</sub> N <sub>0</sub> M <sub>0</sub> Grade: I Sex: Female Age: 38 years 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 ab44166: Extraction 1: soluble protein fraction ab44166 Human colon tumor tissue lysate [ab44165](#) Human colon normal tissue lysate (matched) Extraction 2: insoluble protein fraction [ab44168](#) Human colon tumor tissue lysate [ab44167](#) Human colon normal tissue lysate (matched)

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	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
<b>Purification notes</b>	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"

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