

## Product datasheet

# MCF7 membrane extract lysate ab29539

### Overview

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**Product name** MCF7 membrane extract lysate

**General notes**

Protein is isolated from whole tissue homogenates using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. Quality control: 1. The isolated protein pattern on SDS-PAGE gel is visualized by coomassie blue staining. The pattern is consistent with each lot. 2. The isolated protein is Western Blot analyzed by either a GAPDH or beta-actin antibody. The expression level is consistent with each lot.

**Tested applications** **Suitable for:** WB

### Properties

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**Mycoplasma free** Yes

**Form** Liquid

**Storage instructions** Store at -80°C. Allow to warm to room temp and agitate gently before aliquotting.

**Storage buffer** Constituents: 0.1% Bromophenol blue, 0.1% Magnesium chloride, 1.17% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.1% HEPES, 0.1% EDTA, 10% Glycerol, 0.1% Sodium chloride

**Lysate notes** Protein is isolated from whole tissue homogenates using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. Quality control: 1. The isolated protein pattern on SDS-PAGE gel is visualized by coomassie blue staining. The pattern is consistent with each lot. 2. The isolated protein is Western Blot analyzed by either a GAPDH or beta-actin antibody. The expression level is consistent with each lot.

**Background** MCF-7 cells are a well-characterized estrogen receptor (ER) positive control cell line (cells are positive for cytoplasmic estrogen receptors) and therefore are a useful in vitro model of breast cancer to study the role of estrogen in breast cancer. Cells are also positive for cytokeratin and negative for desmin , endothelin , GFAP, neurofilament, vimentin.

### Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab29539 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution. Samples need to be boiled for 5 minutes and put on ice before use.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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