

## Human Esophagus Tumor Lysate

**Cat. No.** Esophagus-1H    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

**Species** Human

**Concentration** 2 mg/ml

#### Preparation method

Tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 g/ml of aprotinin, 5 g/ml of leupeptin. Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The product was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% -mercaptoethanol.

#### Recommended Usage

For research use only, not for diagnostic or therapeutic use.

#### Storage Buffer

Lysate is supplied in SDS sample buffer containing 5% -mercaptoethanol

#### Applications

Cell/tissue Protein Lysates. Western blot-Load 5-20 ug/lane for testing with various antibodies. Heat at 95°C for 2-5 minutes prior to loading on gels.

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