

Product datasheet

T24 whole cell lysate ab3958

Overview

Product name T24 whole cell lysate

General notes Cell line: T24 (Transitional-cell human bladder carcinoma).
Growth media: DMEM & 10% FBS (Fetal bovine serum).

T24 cell lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylene diamine tetra acetic acid, 1 mM phenyl methyl sulfonyl flouride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecyl sulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The cell lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecyl sulfate, 0.01% bromophenol blue) containing 5% b-mercaptoethanol.

Tested applications **Suitable for:** WB

Properties

Storage instructions Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

Storage buffer pH: 6.80
Constituent: 5% Beta mercaptoethanol

Purity Whole Cell Lysate

Lysate notes T24 cell lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylene diamine tetra acetic acid, 1 mM phenyl methyl sulfonyl flouride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecyl sulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The cell lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecyl sulfate, 0.01% bromophenol blue) containing 5% b-mercaptoethanol.

Background T24 cells are derived from transitional cancers of human urine bladder, grown in cell culture. They have been used for studies of the role of N- cadherin in the process of metastasis (aberrant cell-cell adhesion). It has been shown that N-glycosylation patterns of cadherin from bladder cancer cell line undergo modification during carcinogenesis.

Applications

Our [Abpromise guarantee](#) covers the use of **ab3958** 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 concentration. T24 cell lysate is ready to load on SDS-PAGE for Western blotting, 10 - 20 µg per lane is recommended for mini gel.

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