abcam

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. Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances. It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.
Tested applications	**Suitable for:** WB

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Constituents: 12.5% Glycerol (glycerin, glycerine), 9% Tris HCl, 7.7% DTT, 4.4% Sodium chloride, 1% Triton-X-100, 1% Sodium deoxycholate, 1.1% Sodium lauryl sulfate, 0.15% EDTA disodium salt, 0.5% Aprotinin, 0.5% Leupeptin hemisulfate, 0.09% PMSF, 0.01% Bromophenol blue, 60.05% Water
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

The Abpromise guarantee

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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