

Product datasheet

Daudi whole cell lysate ab3951

Overview

Product name	Daudi whole cell lysate
General notes	<p>Cell line: Daudi (Human Burkitt's lymphoma).</p> <p>Growth media: RPMI 1640 medium with 2 mM L-glutamine, 1.5 g/L sodium bicarbonate, 4.5 g/L glucose, 10 mM HEPES, 1.0 mM sodium pyruvate, and 10% fetal bovine serum.</p> <p>Daudi 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 tetraacetic acid, 1 mM phenylmethylsulfonyl 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.</p>
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	Constituent: 5% Beta mercaptoethanol
Purity	Whole Cell Lysate
Lysate notes	<p>Daudi 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 tetraacetic acid, 1 mM phenylmethylsulfonyl 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.</p>
Background	<p>Daudi cells are lymphoblast-like in morphology and contain the Epstein-Barr virus. They are positive for the Fc receptor and certain tumor markers and are used for studies of differentiation and tumorigenicity and for antitumour testing. The lysate is a positive control for: IKKalpha (numerous ab in our catalogue for IKK alpha), IKKbeta (=IKK2) (numerous ab in our catalogue for IKK beta), DR4 (numerous ab in our catalogue for DR4), NFkB p65 (numerous ab in our catalogue for NFkB p65).</p>

Applications

Our [Abpromise guarantee](#) covers the use of **ab3951** 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. Daudi 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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