

Product datasheet

Jurkat whole cell lysate ab30128

1 References

Overview

Product name	Jurkat whole cell lysate
General notes	Cell line: Jurkat (Human T cell lymphoblast-like).

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.

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Tested applications	Suitable for: WB
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Properties

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: 1% 4-Nonylphenol, branched, ethoxylated, Potassium chloride, 0.1% Bromophenol blue, Magnesium chloride, 1.2% Beta mercaptoethanol, 2% Sodium lauryl sulfate, HEPES, Sucrose, 10% Glycerol

With Protease inhibitor cocktail/EDTA/Sodium deoxycholate

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.
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Background	Often this cell line is called 'JM' (Jurkat and JM are derived from the same patient and are sister clones), occasionally JM may be a subclone with somewhat divergent features. Jurkat cells can be transfected and are therefore useful for studies of blood proto-oncogenes expression,
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apoptosis and cell survival (e.g HIV). They produce IL-2 and can also be used for studies of differentiation.

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab30128 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.

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