

### Jurkat membrane extract lysate ab30130

#### Overview

<b>Product name</b>	Jurkat membrane extract lysate
<b>General notes</b>	<p>Cell line: Jurkat (Human T cell lymphoblast-like).</p> <p>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.</p> <p>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.</p>
<b>Tested applications</b>	<b>Suitable for:</b> WB

#### Properties

<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Store at -80°C. Allow to warm to room temp and agitate gently before aliquotting.
<b>Storage buffer</b>	<p>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</p> <p>With Protease inhibitor cocktail/EDTA/Sodium deoxycholate</p>
<b>Lysate notes</b>	<p>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.</p>
<b>Background</b>	<p>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, apoptosis and cell survival (e.g HIV). They produce IL-2 and can also be used for studies of</p>

differentiation.

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab30130 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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