

## Product datasheet

# Jurkat nuclear extract lysate (PHA stimulated) ab14848

### Overview

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<b>Product name</b>	Jurkat nuclear extract lysate (PHA stimulated)
<b>General notes</b>	Cell line: Jurkat (Human T cell lymphoblast-like). Cells were cultured in medium supplemented with 2 µg/ml PHA (Leucoagglutinin, PHA-L) for 2 days at 37°C immediately prior to harvesting.

### Properties

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<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.90 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol
<b>Background</b>	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 differentiation.

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