

Product datasheet

THP-1 nuclear extract lysate ab14900

Overview

Product name	THP-1 nuclear extract lysate
General notes	Cell line: THP1 (Human acute monocytic leukemia). Extracts have been quality control tested by Western blot and the Electrophoretic Mobility Shift Assay (EMSA).

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.90 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol
Background	Properties: differentiation; lysozyme synthesis; phagocytosis; Fc receptor; IL-1 prod.; C3b receptor. The cell line can differentiate into macrophage-like cells (phagocytic) and can be used for induction of differentiation studies. When stimulated with PMA cells have been reported to differentiate into a monocytic pathway and release arachidonic acid and prostanoids.

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