

Product datasheet

Hep G2 (Human) Nuclear Lysate - IFN gamma treated ab14662

Overview

Product name	Hep G2 (Human) Nuclear Lysate - IFN gamma treated
Description	Hep G2 Nuclear Lysate - IFN gamma
General notes	<p>Cell line: HepG2 (Human hepatocellular carcinoma).</p> <p>Cells were cultured in medium supplemented with 50 ng/mL of interferon gamma for 4 hours at 37°C immediately prior to harvesting.</p> <p>We recommend aliquoting the extracts into single use fractions and then storing them.</p>
Tested applications	Suitable for: WB, EMSA

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	<p>Preservative: None</p> <p>Constituents: 20% Glycerol, 20mM HEPES, 100mM Potassium Chloride, 1mM Magnesium Chloride, 100mM KCl, 0.5mM PMSF, 0.5mM DTT. pH 7.9</p>
Background	<p>Hepatitis B virus (HBV) is the major cause of acute and chronic hepatitis, leading to progressive development of necroinflammatory changes in the liver, which can result in cirrhosis and hepatocellular carcinoma. Although the development of an effective vaccine to prevent HBV infection has shown promising results and should lead to its eventual eradication, antiviral chemotherapy remains the only effective method to prevent the progression of the disease in chronic carriers. Therefore, the development of new antiretroviral agents active against HBV is needed. HepG2 cells have an epithelial morphology and are thought to be a very useful model to study HBV virus replication via transfection. Cells are also used for cancer and apoptosis studies (in particular signalling pathway studies).</p>

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab14662 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.
EMSA		Use at an assay dependent dilution.

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