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Product Datasheet

HeLa Cell Nuclear Extract Nocodozole Stimulated (orb348686)

Description	HeLa Cell Nuclear Extract
Conjugation	Unconjugated
Tested Applications	SDS-PAGE, WB
Preservatives	Preservative: None. Stabilizer: 10% (v/v) Glycerol. 1X SDS-PAGE Sample Buffer (62.5 mM Tris HCl, 2% SDS, 10% Glycerol and 0.005% bromophenol blue, pH 6.8)
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/ml
Storage	Store HeLa Cell Nuclear Extract Nocodazole Stimulated at -70° C or COLDER. For extended storage, aliquot Nuclear Extract to minimize freeze/thaw cycles.
Note	For research use only
Application notes	ready-to-use nuclear extracts are especially prepared as positive controls for separation by SDS-PAGE and subsequent western blot analysis. Nuclear extracts are supplied in denaturing buffer without dissociating agents. Heat nuclear extract to 95°C for 5 minutes and rapidly cool. If dissociating conditions are desired add reducing agent prior to heating. The recommended loading volume per lane is 10-30 l depending on the size format of your gel.
Purity	The cells were grown in DMEM supplemented with 10% FBS (Fetal Bovine Serum). Cells were treated with 0.2 µg/ml Nocodazole for 30 min. The lysate was prepared by first washing the cells in PBS. Washed cells were then incubated on ice in lysis buffer containing 10 mM HEPES, 60 mM KCl, 1.0 mM EDTA, 0.075% (v/v) NP40 and 1.0 mM DTT, pH 7.6. Protein integrity is ensured using a cocktail of protease inhibitors with broad specificity for the inhibition of aspartic, cysteine, and serine Pepstatin A). Nuclei were then collected and washed in lysis buffer

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