
Positive Control Lysate for Rad51 Ab-1

Human Cells-8 Lysate

Cat. #MS-988-PCL (250 µg in 0.1 ml) (Ready-To-Use for Western Blotting)

Specificity and Comments:

Human cells-8 have a high level expression of Rad51. **NEOMARKERS'** Ab-1 shows bands at 37-43kDa on this positive control cell lysate. Rad51 (a eukaryotic homologue of Escherichia coli RecA) is similar to RecA, both biochemically and structurally: It promotes homologous pairing and strand exchange within a regular nucleoprotein filament. In yeast, the Rad51 family of related proteins also includes Rad55, Rad57 and Dmc1. In mammalian cells, seven genes in this family have been identified (HsRAD51, XRCC2, XRCC3, RAD51B/hREC2 and HsDMC1, RAD51C, and RAD 51D). Recent studies suggested that Rad51 is involved not only in homologous recombination but also in cell proliferation regulation.

Supplied As:

250ug of total protein cell lysate in 0.1ml of 1X PAGE-sample buffer containing DTT.

Known Applications:

- Western Blotting (Use **NEOMARKERS'** Ab-1)
[Load 20ul of the positive control cell lysate onto one lane of mini-gel.]

Storage and Stability:

Store vial below 0°C. When stored below 0°C, this lysate is stable for 12months.

Limitations and Warranty:

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. NeoMarkers is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

Material Safety Data:

This product is not licensed or approved for administration to humans or to animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion.

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