

Positive Control Lysate for XPA Ab-1

Human Cells-17 Lysate

Cat. #MS-650-PCL (250 µg in 0.1 ml) (Ready-To-Use for Western Blotting)

Please note this data sheet has been changed effective December 19, 2011

Specificity and Comments:

Human cells-17 have a high level expression of XPA (xeroderma pigmentosum group A). **NEOMARKERS'** Ab-1 shows a band at 34kDa on this positive control cell lysate. The XPA protein specifically recognizes the UV-or chemically damaged DNA lesions, and triggers the nucleotide excision repair process. XPA binds to the replication protein A (RPA) or the excision repair cross complementing 1 protein (ERCC1). In the absence of nucleotide excision repair persisting (unrepaired) DNA lesions (adducts) may lead to the accumulation of gene mutations and ultimately to cancer. Xeroderma pigmentosum patients have a > 2000 fold increased risk to develop skin cancer at sun-exposed areas.

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 12 months.

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.

NEOMARKERS' Other Related Antibodies:

Estrogen Receptor (9 MAbs of AER series),
PR (7 MAbs of hPRa series), pS2 (R47/94),
Vit D Rec (9A7γ.E10.E4), HSP27 (G3.1).

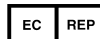
Material Safety Data:

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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Lab Vision Corporation
46360 Fremont Blvd.
Fremont, CA 94538-6406, USA
US Toll Free: 1 (800) 522-7270
Phone: +1 (269) 544-5600
Fax: 1 (269) 372-2674
www.thermoscientific.com/labvision



Thermo Fisher Scientific
Anatomical Pathology
Tudor Road, Manor Park
Runcorn, Cheshire WA7 1TA, UK
Tel: +44 (0) 1928 534 050
Fax: +44 (0) 1928 534 049
sales.ap.uk@thermofisher.com