
Positive Control Lysate for MART-1/Melan-A (Melanoma Marker) Ab-3

Human Cells-42 Lysate

Cat. #MS-716-PCL (250µg in 0.1 ml) (Ready-To-Use for Western Blotting)

Specificity and Comments:

Human cells-42 has a high level expression of MART-1 (Melanoma Antigen Recognized by T cells 1) or Melan-A. **NEOMARKERS'** Ab-3 shows a band at ~18kDa on this positive control lysate. MART-1/Melan A is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Seven other melanoma-associated antigens recognized by autologous cytotoxic T cells include MAGE-1, MAGE-3, tyrosinase, gp100, gp75, BAGE-1, and GAGE-1. Subcellular fractionation shows that MART-1 is present in melanosomes and endoplasmic reticulum. **NEOMARKERS'** Ab-3 is a cocktail of Ab-1 and Ab-2 whose epitopes are different. These Abs label melanomas and other tumors showing melanocytic differentiation. They do not stain tumor cells of epithelial, lymphoid, glial, or mesenchymal origin..

Supplied As:

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

Known Applications:

- Western Blotting (Use **NEOMARKERS'** Ab-3)
[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

NEOMARKERS' Other Related Products:

Melanoma Specific (HMB45, HMB50), Chromogranin A (LK2H10, PHE5), NSE (E27), GFAP (GA-5), S100, (4C4.9), Thyroglobulin (2H11, 6E1), Actin, Sarcomeric (5C5.F8.C7), Actin, Smooth muscle (1A4), Keratin, Pan (AE1/AE3), Vimentin, (V9, LN6), PSA (ER-PR8), PSAP (PASE/4LJ), MART-1/Melan A (M2-7C10, M2-9E3).

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.

For Research Use Only

