

Positive Control Lysate for DP-1 Transcription Factor Ab-6

Mouse Cells-1 Lysate

Cat. #MS-1056-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:

Mouse cells-1 has a high level expression of DP-1 protein. **NEOMARKERS'** Ab-6 shows a single band at ~46kDa on this positive control cell lysate. E2F-1, a functional target for the tumor suppressor protein Rb, heterodimers with DP-1 and forms an active E2F transcriptional complex. Human E2F family contains five members, E2F-1 through E2F-5. These E2F family members bind DNA as heterodimers with members of the DP family of polypeptides. DP family contains at least two members, DP-1 and -2. Structurally, DP-1 and -2 are relatively conserved, yet their expression appears to be tissue specific. The interaction between members of the E2F and the DP families is mediated, at least in part, by a leucine repeat which is weakly conserved between the two families.

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-6)
[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 Products:

Antibodies: E2F-2 (TFE22, TFE25), E2F-3 (TFE31, TFE36), E2F-4 (TFE42), DP-1 (TFD11). Cyclin D1 (DCS-6, DCS-11), Cyclin D2 (DCS-3.1, DCS-5.2), Cyclin D3 (DCS-22, DCS-28.1), p21^{WAF1} (DCS-60.2, DCS-62, DCS-65), p16^{INK4 a} (DCS-50.1/A7), p27^{KIP1} (DCS-72.F6), cdk7/CAK (MO-1.1), p34^{cdc2} (A17.1.1, POH-1), PCNA (PC10), BrdU, Topoisomerase II α (JH2.7), cdk4 (35.1).

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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