HTLV-1 p24 (46/3.24.4): sc-57871



The Power to Question

BACKGROUND

Human T-lymphotropic virus (HTLV) is a single-stranded RNA retrovirus that causes T cell leukemia and T cell lymphoma in human adults and may be involved in a few demyelinating diseases. HTLV-1 is a member of the HTLV family that is associated with several kinds of diseases, including HTLV-1-associated myelopathy, infection with *Strongyloides stercoralis* and a virus cancer link to leukemia. HTLV-1 transmission probably occurs via sexual contact, childbirth and exposure to contaminated blood. HTLV-1 p19 and p24 are major core viral proteins encoded by the gag gene. Differential antibody responsiveness to p19 gag can be used in the serological discrimination between HTLV-1 and HTLV-2.

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SOURCE

HTLV-1 p24 (46/3.24.4) is a mouse monoclonal antibody raised against HTLV-1 p24.

PRODUCT

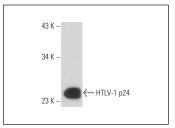
Each vial contains 100 μg lgG_1 in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

HTLV-1 p24 (46/3.24.4) is recommended for detection of HTLV-1 p24 of HTLV-1 origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)]; may cross-react with HTLV-2 p24.

Molecular Weight of HTLV-1 p24: 44 kDa.

DATA



HTLV-1 p24 (46/3.24.4): sc-57871. Western blot analysis of HTLV-1 recombinant n24 core protein

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.

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