

HTLV-2 p24 (75/4.21.11): sc-57876

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-I-associated myelopathy, infection with *Strongyloides stercoralis* and a virus cancer link to leukemia. 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-I-associated myelopathy, infection with *Strongyloides stercoralis* and a virus cancer link to leukemia. HTLV-2 shares approximately 70 percent genomic homology with HTLV-1 and is associated with several cases of myelopathy/tropical spastic paraparesis (HAM/TSP)-like neurological disease. HTLV-2 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.

REFERENCES

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SOURCE

HTLV-2 p24 (75/4.21.11) is a mouse monoclonal antibody raised against HTLV-2 p24.

PRODUCT

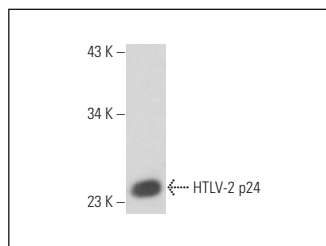
Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

HTLV-2 p24 (75/4.21.11) is recommended for detection of HTLV-2 p24 of HTLV-2 origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)] and immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500); may cross-react with HTLV-I p24.

Molecular Weight of HTLV-2 p24: 26 kDa.

DATA



HTLV-2 p24 (75/4.21.11): sc-57876. Western blot analysis of HTLV-1 recombinant p24 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.