



VZV Major Capsid Protein (3H2): sc-56999

BACKGROUND

Varicella Zoster virus, known as VZV, is associated with two distinct diseases: childhood chickenpox (Varicella) and shingles (Zoster). VZV becomes dormant in sensory ganglia and may reactivate decades later to produce Zoster (shingles) or herpes Zoster. VZV is enveloped in the *trans*-Golgi network (TGN). The VZV immediate-early protein (also known as IE62, ORF 62 or IE175) is a major transactivator that may play a significant role in viral pathogenesis by promoting neuron survival during primary and reactivated infections. The Major Capsid Protein represents a prominent structural polypeptide along with three glycoproteins of the virus. The Major Capsid Protein is useful in viral detection and diagnosis.

REFERENCES

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SOURCE

VZV Major Capsid Protein (3H2) is a mouse monoclonal antibody raised against VZV infected cell extract.

PRODUCT

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

STORAGE

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

APPLICATIONS

VZV Major Capsid Protein (3H2) is recommended for detection of the Major Capsid Protein of Varicella Zoster Virus origin by immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500).

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.