

Anti-Varicella Zoster Virus IE62 antibody [8B11] ab52554

[1 Image](#)

Overview

Product name	Anti-Varicella Zoster Virus IE62 antibody [8B11]
Description	Mouse monoclonal [8B11] to Varicella Zoster Virus IE62
Host species	Mouse
Specificity	ab52554 recognises Varicella zoaster virus immediate early protein IE62.
Tested applications	Suitable for: ICC/IF Unsuitable for: WB
Species reactivity	Reacts with: Varicella zoster virus
Immunogen	Tissue, cells or virus corresponding to Varicella Zoster Virus IE62.
Positive control	ICC/IF: Human fibroblasts infected with Varicella Zoster virus.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.40 Constituent: PBS
Purity	Affinity purified
Purification notes	Purity >95% IgG by SDS-PAGE.
Clonality	Monoclonal
Clone number	8B11

Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab52554 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

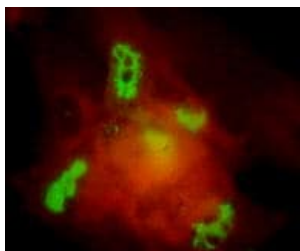
Application	Abreviews	Notes
ICC/IF		1/200.

Application notes Is unsuitable for WB.

Target

Relevance Varicella Zoster Virus (VZV), a member of the human herpes virus family, causes two distinct clinical manifestations: childhood chickenpox (Varicella) and shingles (zoster). Varicella is the outcome of the primary infection with VZV, whereas, zoster is the result of VZV reactivation from latently infected sensory ganglia which occurs predominantly in aging and immunosuppressed individuals. VZV is closely related to the herpes simplex viruses (HSV), sharing much genome homology. The known envelope glycoproteins (gB, gC, gE, gH, gI, gK, gL) correspond with those in HSV, however there is no equivalent of HSV gD. VZV virions are spherical and 150-200 nm in diameter. Its lipid envelope encloses the nucleocapsid of 162 capsomeres arranged in a hexagonal form. Its DNA is a single linear, double strand molecule, 125,000 nt long. The immediate-early protein IE62 is a major component of virus particles and initiates transcription from its own and other VZV gene promoters, acting synergistically with several viral and cellular transactivating proteins.

Images



ab52554 at 1/200 dilution staining Varicella Zoster Virus IE62 in human fibroblasts, infected with Varicella Zoster virus, by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-Varicella Zoster Virus IE62 antibody [8B11] (ab52554)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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