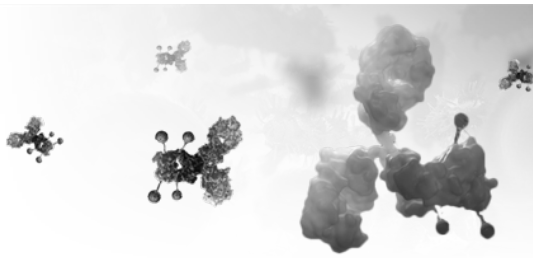

Anti-VZV monoclonal antibody, clone TG3-3E7 (DMAB4501)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reacts with the carboxy region of VZV glycoprotein II (VZVgB).
Immunogen	VZV Ellen Strain
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Virus
Clone	TG3-3E7
Affinity Constant	Not determined
Purification	Protein G chromatography
Conjugate	Unconjugated
Applications	This monoclonal antibody is intended for the detection of VZV glycoprotein II (VZVgB) in cell culture by indirect immunofluorescent antibody technique, immunoprecipitation tests, Western blot and immunohistochemistry. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	1.21mg/ml (OD280nm, E0.1% = 1.4)
Size	0.5 mg
Buffer	20mM Sodium phosphate, pH 9.0

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Preservative	None
Storage	Aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Varicella zostervirus(VZV) is one of eight herpes viruses known to infect humans (and othervertebrates). It commonly causes chicken-pox in children and Herpes zoster(shingles) in adults and rarely in children. Varicellazoster virus (VZV) is one of eight herpes viruses known to infect humans (andother vertebrates). It commonly causes chicken-pox in children and bothshingles and post-herpetic neuralgia in adults. VZV is closely related to theherpes simplex viruses (HSV), sharing much genome homology. The knownenvelope glycoproteins (gB, gC, gE, gH, gI, gK, gL) correspond with those inHSV, however there is no equivalent of HSV gD. VZV also fails to produce theLAT (latency-associated transcripts) that play an important role inestablishing HSV latency (herpes simplex virus).
Keywords	herpes virus 3; Envelope glycoprotein gI; GI; Glycoprotein IV; GPIV; HHV 3; HHV3; HHV3gp39; Membrane glycoprotein gE; Varicella Zoster Virus; VZV; VZVgE; VZVgI; Herpesviridae; Alphaherpesvirinae; Varicellovirus; HHV-3; VZVgB; VZV gpII

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