

Product Datasheet

Chikungunya Virus Antibody (E26D9.02) - Azide and BSA Free DDX9100P-100

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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DDX9100P-100

Chikungunya Virus Antibody (E26D9.02) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	E26D9.02
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Ion exchange chromatography
Buffer	Tris-NaCl (pH 8.0)

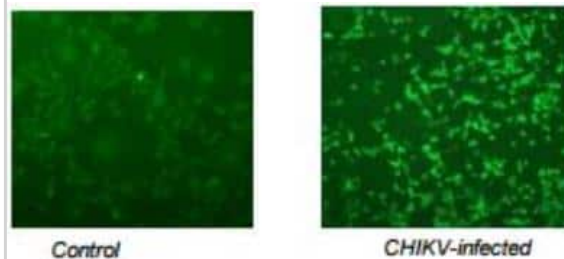
Product Description	
Host	Human
Species	Virus
Reactivity Notes	Human, Virus
Immunogen	Chikungunya virus was used as immunogen.
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Block/Neutralize, Chromatin Immunoprecipitation (ChIP), Neutralization
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Neutralization, Chromatin Immunoprecipitation (ChIP), Block/Neutralize

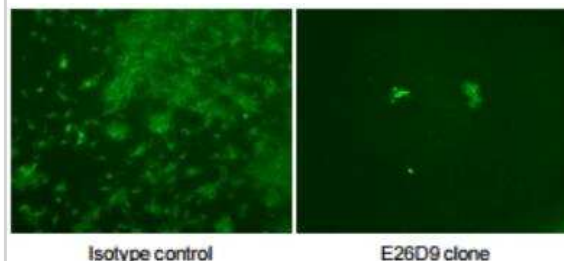


Images

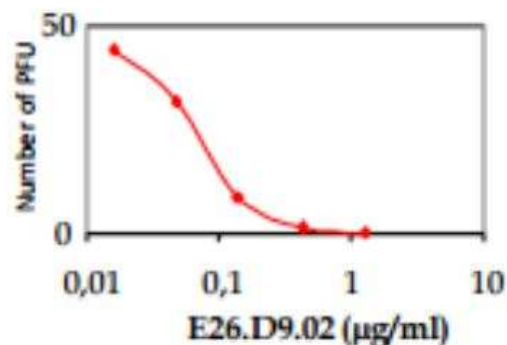
Chromatin Immunoprecipitation: Chikungunya virus Antibody (E26D9.02) [DDX9100P-100] - Immunofluorescent staining of VERO cells with E26D9



Neutralization: Chikungunya virus Antibody (E26D9.02) [DDX9100P-100] - Seroneutralization activity of E26D9



Neutralization: Chikungunya virus Antibody (E26D9.02) [DDX9100P-100] - CHIKV-OPY1 neutralization



Neutralization: Chikungunya virus Antibody (E26D9.02) [DDX9100P-100] - Neutralizing activity against several Chikungunya virus strains, Ross River virus, and ONyong Nyong virus.

clones	Seroneutralization of virus strains				
	CHIK virus strains			Other viruses	
	OPY1	OPY4	OPY6	ROSS	ONNV
E04C1	-	+	-	-	-
E10B7	-	-	-	-	-
E18C3	-	-	-	-	-
E26D9	++	++	++	++	++
E26C4	+	+	+	+	+
E26G8	-	+	+	+	-
E26D4	-	-	-	-	-
E18E6	-	-	+	-	-

Publications

Pedraza-Escalona M, Guzman-Bringas O, Arrieta-Oliva I et al. Isolation and characterization of high affinity and highly stable anti-Chikungunya virus antibodies using ALTHEA Gold Libraries BMC Infect Dis 2021-10-31 [PMID: 34717584]

Fong RH et al. Exposure of epitope residues on the outer face of the chikungunya virus envelope trimer determines antibody neutralizing efficacy. J Virol 2014-12-01 [PMID: 25275138]

Selvarajah S et al. A neutralizing monoclonal antibody targeting the acid-sensitive region in chikungunya virus E2 protects from disease. PLoS Negl Trop Dis 2013-01-01 [PMID: 24069479]

Warter L et al. Chikungunya virus envelope-specific human monoclonal antibodies with broad neutralization potency. J Immunol 2011-03-01 [PMID: 21278338]





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Products Related to DDX9100P-100

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
NBP3-06872-0.1mg	Human IgG1 Kappa Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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