Product datasheet

anti-Hantavirus Hantaan mouse monoclonal, B5D9, supernatant

Short overview

Cat. No.	B5D9-C
Quantity	400 µl

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	B5D9
Immunogen	Recombinant nucleocapsid protein of Hantaan 76-118 strain
Formulation	Contains 0.09% sodium azide
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Hybridoma cell culture supernatant
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ICC/IF, IHC
Reactivity	Hantaan virus-infected cells

Applications

Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:50

Background

B5D9 reacts with an epitope present on the N-terminus of the nucleocapsid protein (S segment) of Hantaan 76-118 strain; no cross-reaction with SNV (Sin Nombre virus) rN protein (Schmidt et al. 2005).

Schmidt J, Meisel H, Hjelle B, Krueger DH, Ulrich R: Development and evaluation of serological assays for detection of human hantavirus infections caused by Sin Nombre virus. J Clin Virol 33, 247-253 (2005)

Product images

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References

Publication	Species	Application
HÃ¤gele, S. et al. Motility of human renal cells is disturbed by infection with pathogenic hantaviruses. BMC.Infect.Dis. 18, 645 (2018)	Hantavirus Hantaan,Hantavirus Puumala	IF,WB
KrautkrÃ¤mer, E. & Zeier, M. Hantavirus Causing Hemorrhagic Fever with Renal Syndrome Enters from the Apical Surface and Requires Decay-Accelerating Factor (DAF/CD55). J. Virol. 82, 4257-4264 (2008).	Hantavirus Hantaan	WB,ICC-IF
Meisel, H. et al. Development of novel immunoglobulin G (IgG), IgA, and IgM enzyme immunoassays based on recombinant Puumala and Dobrava hantavirus nucleocapsid proteins. Clin. Vaccine Immunol. 13, 1349-57 (2006).	Hantavirus Hantaan	WB
Zoller, L. G., Yang, S., Got, P., Bautz, E. K. F. & Darai5, G. A Novel Âµ-Capture Enzyme-Linked Immunosorbent Assay Based on Recombinant Proteins for Sensitive and Specific Diagnosis of Hemorrhagic Fever with Renal Syndrome. J. Clin. Microbiol. 31, 1194-	Hantavirus Hantaan	ELISA