

## Product datasheet for **BM3036**

### Hantavirus (Puumala Nucleocapsid) Mouse Monoclonal Antibody [Clone ID: A1C5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	A1C5
Applications:	IF, IHC, WB
Recommended Dilution:	<b>Western blotting.</b> <b>Immunofluorescence.</b> <b>Immunohistochemistry on Frozen Sections:</b> 1/50. Use PBS, pH 7.2, with 0.5% BSA and 0.09% Sodium Azide as dilution buffer. Successful use in ELISA was reported by some researchers. As this detection method has not been verified by Acris Antibodies, the application was deleted from the database. This does not necessarily exclude the use in such procedure.
Reactivity:	Puumala Virus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Puumala Nucleocapsid Protein.
Specificity:	A1C5 reacts with an epitope present on the N-terminus (between aa 15 and 35) of the nucleocapsid protein (S segment) of hantavirus CG 18-20 strain (Puumala serotype) and also cross-reacts with SNV (Sin Nombre virus) rN protein ( <i>Schmidt et al.</i> 2005). The antibody is directed against the Puumala serotype nucleocapsid protein which has been shown to be the major immunogen in infections (HFRS, Nephropathia epidemica) caused by Puumala Virus. No cross-reaction with Hantaan-related serogroups, like Dobrava, Seoul.
Formulation:	State: Supernatant State: Liquid Hybridoma Culture Supernatant Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.



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