

## Monoclonal Antibody to Parvovirus B19 (VP2) - Purified

<b>Catalog No.:</b>	BM1228
<b>Quantity:</b>	0.25 ml
<b>Concentration:</b>	0.5 mg/ml
<b>Background:</b>	Parvovirus B19 is the causative agent of fifth disease also known as Erythema Infectiosum or slapped cheek syndrome in humans. Discovered serendipitously in 1974 during routine Hepatitis B screening at the central public health laboratory in London, it is a single stranded DNA virus belonging to the family Parvoviridae and until the discovery of Human Bocavirus and PARV4 was the only parvovirus recognised to be pathogenic in humans.
<b>Host / Isotype:</b>	Mouse / IgM
<b>Recommended Isotype Controls:</b>	SM13P
<b>Clone:</b>	LJF/6/88
<b>Immunogen:</b>	Recombinant, SPLV
<b>Format:</b>	<b>State:</b> Liquid purified IgM fraction. <b>Purification:</b> FPLC <b>Buffer System:</b> PBS containing 60% Glycerol, 1% BSA as stabilizers and 0.09% Sodium Azide as preservative.
<b>Applications:</b>	ELISA: 1/500-1/2000. Western Blot: 1/200-1/400. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Recognises a 58 kD capsid VP2 protein in Western blot. Specific for human serum Parvovirus-like B19 (SPLV).
<b>Storage:</b>	The antibody can be shipped at 2-8°C. Store (in aliquots) at -20°C only. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Ponnazhagan S, Weigel KA, Raikwar SP, Mukherjee P, Yoder MC, Srivastava A. Recombinant human parvovirus B19 vectors: erythroid cell-specific delivery and expression of transduced genes. J Virol. 1998 Jun;72(6):5224-30. PubMed PMID: 9573295. 2. J. Virol., 72: p.5224-5230.