

Product datasheet for **SM1691B**

Pk (V5) Epitope Tag (GKPIPPLLGLDST) Mouse Monoclonal Antibody [Clone ID: SV5-PK1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SV5-PK1
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/1000-1/5000. Immunohistochemistry on Frozen Sections.
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mice were infected with the paramyxovirus SV5, Simian-Virus 5. Spleen cells from immunised BALB/c mice were fused with cells of the SP2/0 Ag14 myeloma cell line.
Specificity:	This antibody recognises a small epitope, termed Pk, present on the P/V proteins of the paramyxovirus, SV5. This antibody has been used to detect recombinant proteins, some of which include transmembrane and secreted proteins, which have been tagged with this epitope. Usually, a 14 amino acid tag has been added to the recombinant proteins, although a smaller epitope of 9 amino acids (that as a peptide inhibit the binding of the monoclonal antibody to its native protein) has also been successfully used. The 14 amino acid epitope is: gly lys pro <u>ile pro asn pro leu leu gly leu asp</u> ser thr. (the 9 amino acid epitope is underlined)
Formulation:	PBS containing 0.09% Sodium Azide as preservative Label: Biotin State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Note:	This product is manufactured under an exclusive license from the University of St. Andrews, UK.



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