

## Product datasheet for **SM1691**

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

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	SV5-PK1
Applications:	ELISA, FC, IF, IHC, IP, R, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000-1/5000. <b>Western Blot:</b> 1/1000-1/5000. <b>Immunoprecipitation.</b> <b>Radioimmunoassays.</b> <b>Immunofluorescence.</b> <b>Flow Cytometry.</b> <b>Immunohistochemistry on Frozen Sections.</b>
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Paramyxovirus Simian-Virus 5 (SV5)
Specificity:	Mouse anti V5-Tag, clone SV5-Pk1 recognizes the sequence, IPNPLLGL, present on the P/V proteins of the paramyxovirus, SV5 (Dunn et al.1999). Clone SV5-Pk1 is used to detect recombinant proteins, some of which include transmembrane and secreted proteins, that have labelled with tags containing this sequence (Randall et al.1993 and Zhao et al. 2005).
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store 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.

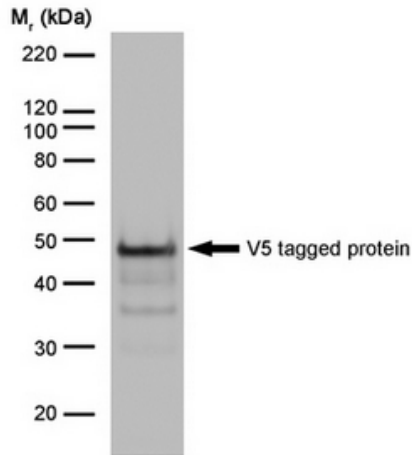


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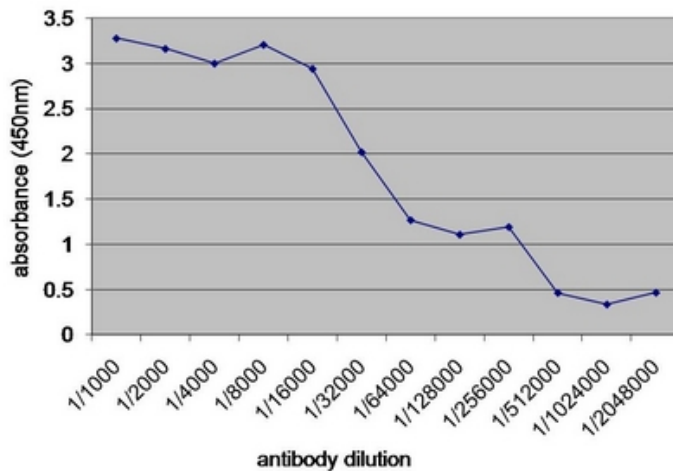
**Background:**

The V5 epitope tag is derived from a small epitope (Pk) present on the P and V proteins of the paramyxovirus of simian virus 5 (SV5). The V5 tag is usually used with all 14 amino acids (GKPIPPLLGLDST), although it has also been used with a shorter 9 amino acid sequence (IPNPLLGLD).

**Product images:**



V5 tagged protein detected with Mouse anti V5-Tag (SM1691)



V5 tagged protein detected with Mouse anti V5-Tag (SM1691)