

OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-858-888-7900 Fax: +1-858-888-7904 <u>US-info@acris-antibodies.com</u>

SM1691D5 OriGene EU

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

Monoclonal antibody to V5 Epitope Tag - DyLight (TM)549

Catalog No.:SM1691D5Quantity:0.5 mgConcentration:1.0 mg/mlHost / Isotype:Mouse / IgG2a	
Concentration: 1.0 mg/ml	
Host / Isotype: Mouse / IgG2a	
nouse / isotyper inouse / isotu	
Clone: SV5-Pk1	
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 Ag14myeloma cell line.	
Format:State: Liquid purified IgG fraction containing 0.09% Sodium Azide as preservative.Purification: Affinity Chromatography on Protein G.Label: DyLight549 – DyLight(TM)549	
Applications:Immunofluorescence (1/100-1/500).Membrane permeabilisation with 0.5% IGEPAL is required. Other applications not tested. Optimal dilutions are dependent on conditions and s be determined by the user.	should
Specificity:This antibody recognises a small epitope, termed Pk, present on the P/V proteins of paramyxovirus, SV5. This antibody has been used to detect recombinant proteins, some of which include transmembrane and secreted proteins, that have been tagged with this epitope. Us 14 amino acid tag has been added to the recombinant proteins, although a smaller of 9 amino acids (that as a peptide inhibit the binding of the monoclonal antibody t 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. (T amino acid epitope is underlined).	e ually, a epitope to its
Storage:Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for long This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.	ger.
 General Readings: 1. Southern JA, Young DF, Heaney F, Baumgärtner WK, Randall RE. Identification of a epitope on the P and V proteins of simian virus 5 that distinguishes between two is with different biological characteristics. J Gen Virol. 1991 Jul;72 (Pt 7):1551-7. PubMe PMID: 1713260. 2. Hanke T, Szawlowski P, Randall RE. Construction of solid matrix-antibody-antiger complexes containing simian immunodeficiency virus p27 using tag-specific monocement. 	olates ed 1

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request. TUY NORD TUY NORD CETT FIN EN ISO SOC Pors Antibodies Griffi OG/20130615

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antibody and tag-linked antigen. J Gen Virol. 1992 Mar;73 (Pt 3):653-60. PubMed PMID: 1372038.

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