SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0096-200	600 µg
AB0096-500	1.5 mg

Anti-V5

Source: Goat

General description: Goat polyclonal antibody to V5 epitope. V5 peptide corresponds to amino acid residues GKPIPNPLLGLDST (95-108 aa) of the P and V proteins of the Paramyxovirus of simian virus SV5.

Alternative names: GKPIPNPLLGLDST epitope, V5 tag antibody.

Form: Polyclonal antibody supplied as 200 or 500 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide produced in E. coli.

Specificity: Reacts specifically with V5-tagged recombinant fusion proteins expressed in transfected mammalian cells or produced by in vitro translation.

Reactivity: Reacts with Transfected cells proteins

Sample	WB	IHC (F)	IF	ELISA
Transfected cells	+++	ND	+++	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:500-1:5,000
IF: 1:50-1:2,000

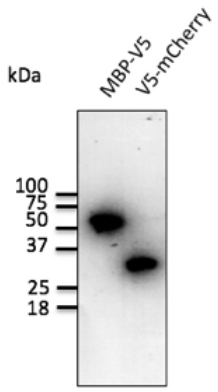
Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..

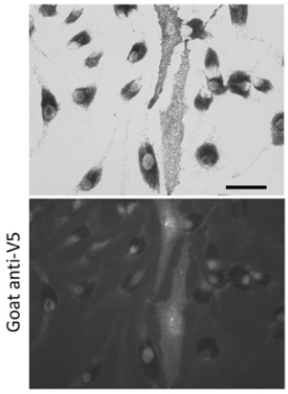
References:

1. Catarino S, Ribeiro-Rodrigues TM, Sa Ferreira R, et al. Cells 2020 Apr. PMID: 32272685

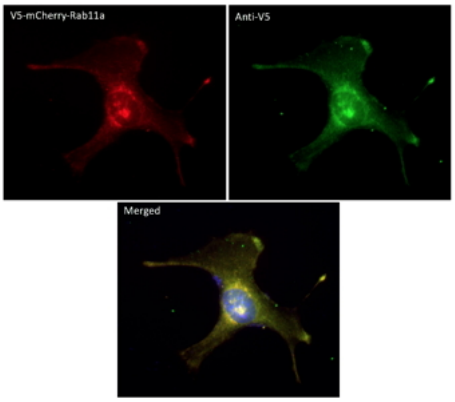
2. Calado J, Santos AR, Aires I, et al. FEBS Lett 2018 Aug. PMID: 30156268



Anti-V5 Ab at 1/1,000 dilution; MBP-V5 recombinant protein and 293 cells transfected with V5-mCherry; lysate at 100 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Myo5a deficient melanocytes transiently transduced with adenovirus expressing V5-tagged Myo5a, fixed and stained with anti-V5 Ab (1:1,000); donkey anti-goat Alexa 568 labelled secondary Ab was used;



Immunofluorescence – anti-V5 Ab using hCEC cells transduced with V5-mCherry-Rab11a; cells were fixed with methanol and anti-V5 at 1/100;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.