

Catalogue No. AB0096-500

Qty: 1.5 mg (3 mg/ml)

Catalogue No. AB0096-200

Qty: 600 µg (3 mg/ml)

V5 epitope Polyclonal Antibody

Source: Goat

0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

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

Immunogen: Purified recombinant peptide derived from within residues 95-108 aa of the P/V proteins of the Paramyxovirus SV5 produced in *E. coli*.

Alternative names: GKPIPPLLGLDST epitope, V5 tag antibody.

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

Form: Polyclonal antibody supplied as a 500 and 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and

Reactivity: Reacts against V5-tagged recombinant fusion proteins.

Sample	Western blot	Immuno-fluorescence	Histochemistry (paraffin)	Histochemistry (frozen)
Transfected cells	+++	+++	ND	ND

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

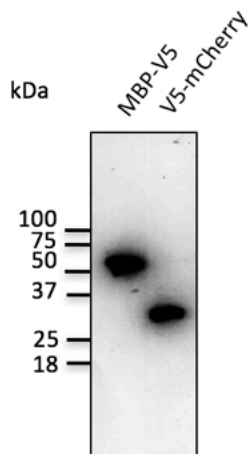
Usage: Western blot 1:500-1:5,000
 Immunofluorescence 1:500-1:2,000
 Immunohistochemistry (paraffin) ND
 Immunohistochemistry (frozen) ND

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

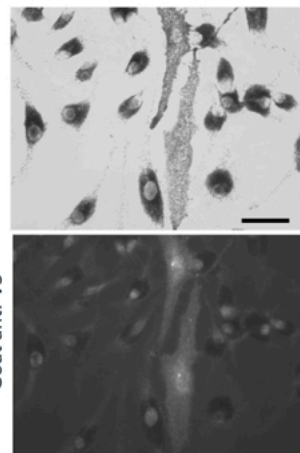
Special instructions: Avoid freeze/thaw cycles.

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;

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.