

ARG66387 anti-V5 tag antibody [SQab18114]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab18114] recognizes V5 tag
Tested Reactivity	Other
Tested Application	FACS, ICC/IF, IP, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SQab18114
Isotype	IgG
Target Name	V5 tag
Species	Others
Immunogen	GKPIPPLLGLDST (V5 epitope) conjugated to KLH.
Conjugation	Un-conjugated

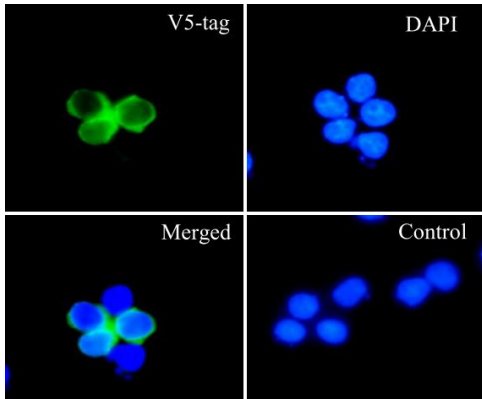
Application Instructions

Application table	Application	Dilution
	FACS	1:2000 - 1:10000
	ICC/IF	1:2000 - 1:10000
	IP	1:50
	WB	1:1000 - 1:2000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

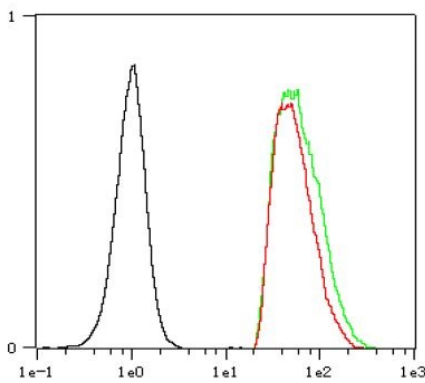
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.



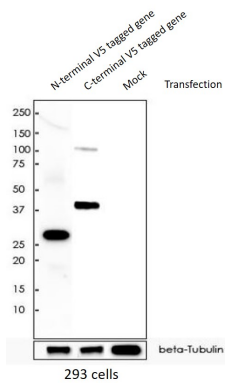
ARG66387 anti-V5 tag antibody [SQab18114] ICC/IF image

Immunofluorescence: 293 cells transfected with N-terminal V5 tagged gene. Cells were fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% goat serum for half an hour at room temperature. Samples were stained with ARG66387 anti-V5 tag antibody [SQab18114] at 1:10000 dilution at 4°C. DAPI (blue) was used as the nuclear counter stain. Control: PBS and secondary antibody.



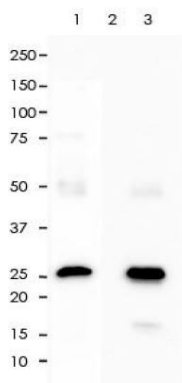
ARG66387 anti-V5 tag antibody [SQab18114] FACS image

Flow Cytometry: 293 cells transfected with N-terminal (red) or C-terminal (green) V5 tagged gene and stained with ARG66387 anti-V5 tag antibody [SQab18114] at 1:10000 dilution in 1x PBS/1% BSA for 30 min at room temperature, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (black) was used as a control.



ARG66387 anti-V5 tag antibody [SQab18114] WB image

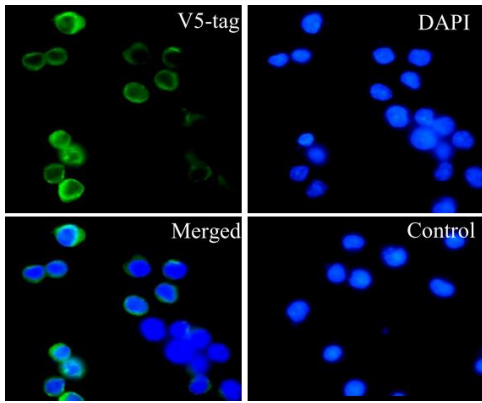
Western blot: 2 µg of 1) 293 cells transfected with N-terminal V5 tagged gene and stained with ARG66387 anti-V5 tag antibody [SQab18114] at 1:10000 dilution. 2) 293 cells transfected with C-terminal V5 tagged gene and stained with ARG66387 anti-V5 tag antibody [SQab18114] at 1:2000 dilution. 3) Mock 293 cells stained with ARG66387 anti-V5 tag antibody [SQab18114] at 1:2000 dilution.



ARG66387 anti-V5 tag antibody [SQab18114] IP image

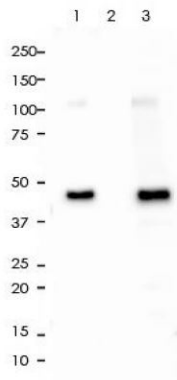
Immunoprecipitation: 0.1 mg of 293 whole cell lysate (transfected with N-terminal V5 tagged gene) was immunoprecipitated (1:50 dilution) and stained with ARG66387 anti-V5 tag antibody [SQab18114].

Lane 1: Immunoprecipitation in 293 whole cell lysate (transfected with N-terminal V5 tagged gene)
 Lane 2: PBS instead of Primary Ab in 293 whole cell lysate (transfected with N-terminal V5 tagged gene)
 Lane 3: 293 whole cell lysate (transfected with N-terminal V5 tagged gene), 4 µg (input)



ARG66387 anti-V5 tag antibody [SQab18114] ICC/IF image

Immunofluorescence: 293 cells transfected with C-terminal V5 tagged gene. Cells were fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% goat serum for half an hour at room temperature. Samples were stained with ARG66387 anti-V5 tag antibody [SQab18114] at 1:10000 dilution at 4°C. DAPI (blue) was used as the nuclear counter stain. Control: PBS and secondary antibody.



ARG66387 anti-V5 tag antibody [SQab18114] IP image

Immunoprecipitation: 0.1 mg of 293 whole cell lysate (transfected with C-terminal V5 tagged gene) was immunoprecipitated (1:50 dilution) and stained with ARG66387 anti-V5 tag antibody [SQab18114].

Lane 1: Immunoprecipitation in 293 whole cell lysate (transfected with C-terminal V5 tagged gene)
Lane 2: PBS instead of Primary Ab in 293 whole cell lysate (transfected with C-terminal V5 tagged gene)
Lane 3: 293 whole cell lysate (transfected with C-terminal V5 tagged gene), 4 µg (input)