

ARG66331
anti-6X His tag antibody [SQab1879]Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab1879] recognizes 6X His tag
Tested Reactivity	Other
Tested Application	FACS, ICC/IF, IP, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SQab1879
Isotype	IgG
Target Name	6X His tag
Species	Others
Immunogen	KLH-conjugated HHHHHH (6X His).
Conjugation	Un-conjugated

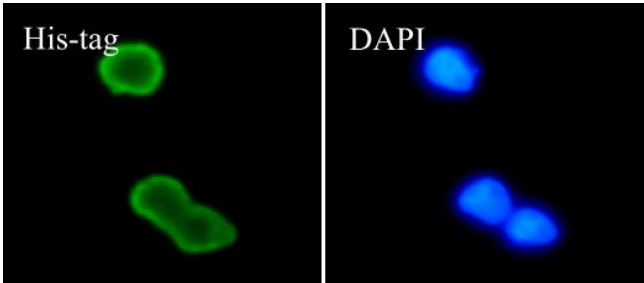
Application Instructions

Application table	Application	Dilution
	FACS	1:200 - 1:1000
	ICC/IF	1:800 - 1:2000
	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

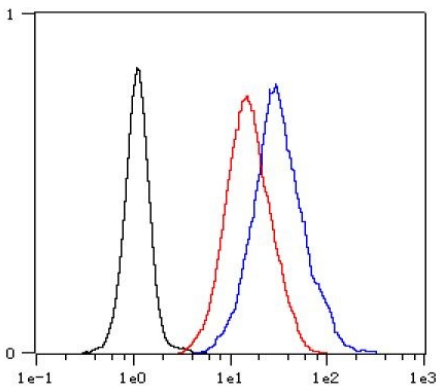
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot 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.

Images



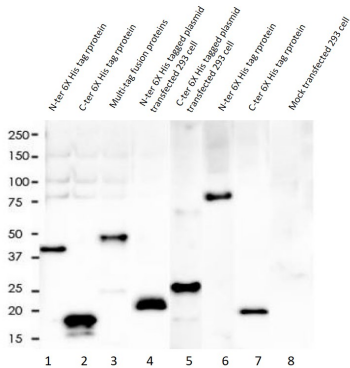
ARG66331 anti-6X His tag antibody [SQab1879] ICC/IF image

Immunofluorescence: 293 cells transfected with N-terminal 6X His 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 30 min at RT. Cells were stained with ARG66331 anti-6X His tag antibody [SQab1879] (green) at 1:10,000 and 4°C. DAPI (blue) was used as the nuclear counter stain.



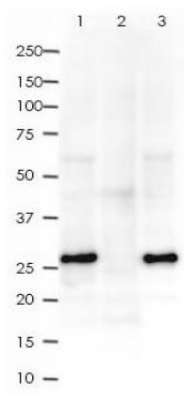
ARG66331 anti-6X His tag antibody [SQab1879] FACS image

Flow Cytometry: 293 cells transfected with N-terminal (blue) and C-terminal (red) 6X His tagged gene. The cells were stained with ARG66331 anti-6X His tag antibody [SQab1879] at 1:1,000 dilution in 1x PBS/1% BSA for 30 min at RT, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (black) was used as a control.



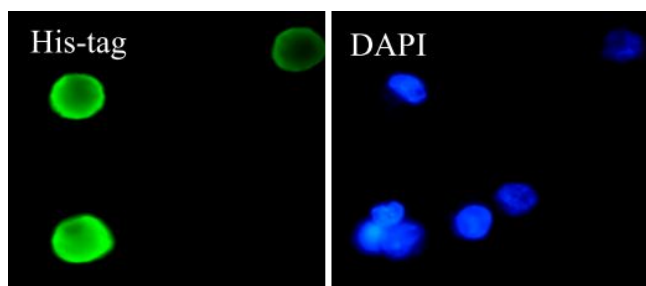
ARG66331 anti-6X His tag antibody [SQab1879] WB image

Western blot: 20 µg of 1) fusion protein with N-terminal 6X His tag, 2) fusion protein with C-terminal 6X His tag, 3) Multi-tag fusion protein containing 6X His tag, 4) 293 cells lysate-transfected with N-terminal 6X His tagged gene, 5) 293 cells lysate-transfected with C-terminal 6X His tagged gene, 6) fusion protein with N-terminal 6X His tag, 7) fusion protein with C-terminal 6X His tag, and 8) untransfected 293 cell lysate stained with ARG66331 anti-6X His tag antibody [SQab1879] at 1:2000 dilution.



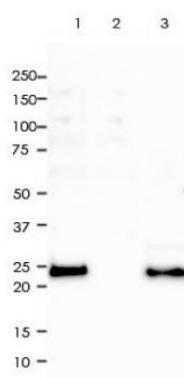
ARG66331 anti-6X His tag antibody [SQab1879] IP image

Immunoprecipitation: 0.05 mg of 293 whole cells lysate transfected with N-terminal 6X His tagged gene immunoprecipitated (1:50) and stained with ARG66331 anti-6X His tag antibody [SQab1879]. 1) ARG66331 IP in 293 whole cell lysate transfected with N-terminal 6X His tagged gene, 2) PBS instead of ARG66331 in 293 whole cell lysate transfected with N-terminal 6X His tagged gene, and 3) 293 whole cell lysate transfected with N-terminal 6X His tagged gene, 10 μ g (input).



ARG66331 anti-6X His tag antibody [SQab1879] ICC/IF image

Immunofluorescence: 293 cells transfected with C-terminal 6X His 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 30 min at RT. Cells were stained with ARG66331 anti-6X His tag antibody [SQab1879] (green) at 1:800 and 4°C. DAPI (blue) was used as the nuclear counter stain.



ARG66331 anti-6X His tag antibody [SQab1879] IP image

Immunoprecipitation: 0.2 mg of 293 whole cells lysate transfected with C-terminal 6X His tagged gene immunoprecipitated (1:50) and stained with ARG66331 anti-6X His tag antibody [SQab1879]. 1) ARG66331 IP in 293 whole cells lysate transfected with C-terminal 6X His tagged gene, 2) PBS instead of ARG66331 in 293 whole cells lysate transfected with C-terminal 6X His tagged gene, and 3) 293 whole cells lysate transfected with C-terminal 6X His tagged gene, 10 μ g (input).