

ARG66338 anti-GST tag antibody [SQab1886]

Package: 100 µl, 50 µl
Store at: -20°C

Summary

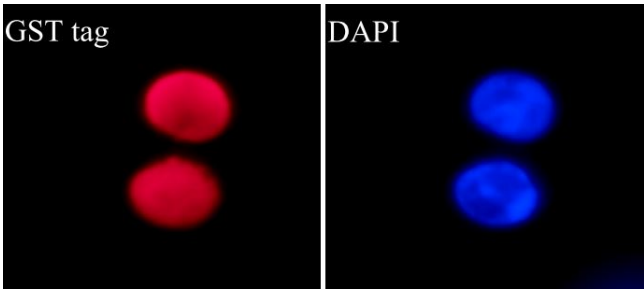
Product Description	Recombinant Rabbit Monoclonal antibody [SQab1886] recognizes GST tag
Tested Reactivity	Other
Tested Application	FACS, ICC/IF, IP, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SQab1886
Isotype	IgG
Target Name	GST tag
Species	Others
Immunogen	Recombinant full length protein within aa. 1-218 of Schistosoma japonicum GST.
Conjugation	Un-conjugated

Application Instructions

Application table	Application	Dilution
	FACS	1:800 - 1:2000
	ICC/IF	1:10000 - 1:40000
	IP	1:50
	WB	1:2000 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

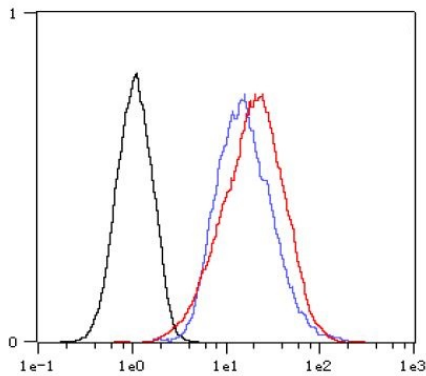
Properties

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.



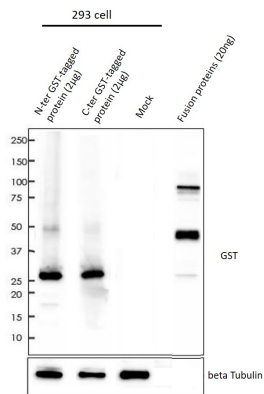
ARG66338 anti-GST tag antibody [SQab1886] ICC/IF image

Immunofluorescence: 293 cells transfected with N-terminal GST 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 ARG66338 anti-GST tag antibody [SQab1886] (red) at 1:40,000 and 4°C. DAPI (blue) was used as the nuclear counter stain.



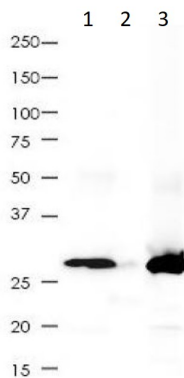
ARG66338 anti-GST tag antibody [SQab1886] FACS image

Flow Cytometry: 293 cells transfected with C-terminal (red) and N-terminal (blue) GST tagged gene. The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% TritonX-100 for 15 min. The cells were stained with ARG66338 anti-GST tag antibody [SQab1886] at 1:2,000 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. .



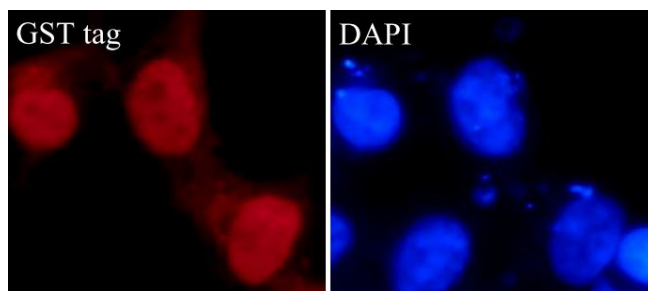
ARG66338 anti-GST tag antibody [SQab1886] WB image

Western blot: 1) 2 µg of 293 cell lysates transfected with N-terminal GST tagged gene, 2) 2 µg of 293 cell lysates transfected with C-terminal GST tagged gene, 3) 10 µg of Mock 293 cell lysates stained with ARG66338 anti-GST tag antibody [SQab1886] at 1:10000 dilution, and 4) 20 ng of two fusion proteins, one (45 kDa) with GST tag on C-terminal, the other (83 kDa) with GST tag on N-terminal stained with ARG66338 anti-GST tag antibody [SQab1886] at 1:2000 dilution.



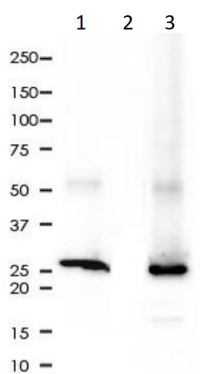
ARG66338 anti-GST tag antibody [SQab1886] IP image

Immunoprecipitation: 0.2 mg of 293 whole cell lysates transfected with C-terminal GST tagged gene immunoprecipitated (1:50) and stained with ARG66338 anti-GST tag antibody [SQab1886]. 1) ARG66338 IP in 293 whole cell lysates transfected with C-terminal GST tagged gene, 2) PBS instead of ARG66338 in 293 whole cell lysates transfected with C-terminal GST tagged gene, and 3) 293 whole cell lysate transfected with C-terminal GST tagged gene, 2 µg (input).



ARG66338 anti-GST tag antibody [SQab1886] ICC/IF image

Immunofluorescence: 293 cells transfected with C-terminal GST 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 ARG66338 anti-GST tag antibody [SQab1886] (red) at 1:40,000 and 4°C. DAPI (blue) was used as the nuclear counter stain.



ARG66338 anti-GST tag antibody [SQab1886] IP image

Immunoprecipitation: 0.2 mg of 293 whole cell lysates transfected with N-terminal GST tagged gene immunoprecipitated (1:50) and stained with ARG66338 anti-GST tag antibody [SQab1886]. 1) ARG66338 IP in 293 whole cell lysates transfected with N-terminal GST tagged gene, 2) PBS instead of ARG66338 in 293 whole cell lysates transfected with N-terminal GST tagged gene, and 3) 293 whole cell lysates transfected with N-terminal GST tagged gene, 2 µg (input).