

ARG66332
anti-DDDDK tag antibody [SQab1880]Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab1880] recognizes DDDDK tag (Equivalent to Sigma's anti-FLAG antibodies). The antibody recognizes the hydrophilic epitope tagging peptide sequence DDDDK (Asp-Asp-Asp-Asp-Lys), when fused to either the amino- or carboxyl- terminus or at an internal site on target proteins.
Tested Reactivity	Other
Tested Application	FACS, ICC/IF, IP, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SQab1880
Isotype	IgG
Target Name	DDDDK tag
Species	Others
Immunogen	KLH-conjugated DYKDDDDK.
Conjugation	Un-conjugated

Application Instructions

Application table	Application	Dilution
	FACS	1:1000 - 1:2000
	ICC/IF	1:1500 - 1:10000
	IP	1:50
	WB	1:10000 - 1:20000

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

Properties

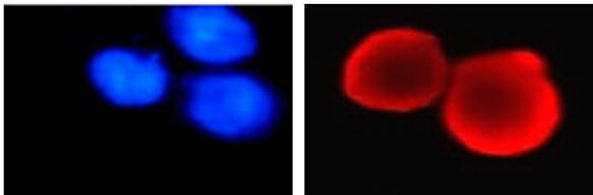
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot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

Bioinformation

Research Area Controls and Markers antibody; Tag Internal Control antibody

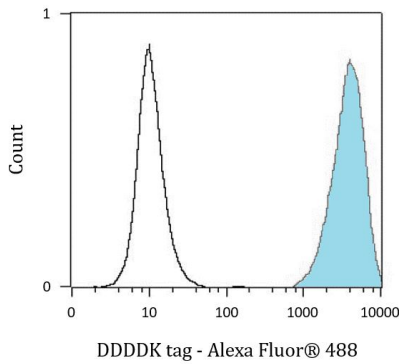
Images

DAPI DDDDK tag antibody



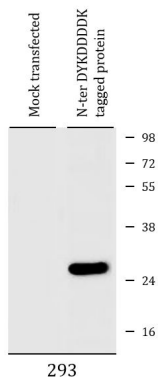
ARG66332 anti-DDDDK tag antibody [SQab1880] ICC/IF image

Immunofluorescence: 293 cells transfected with C-terminal DYKDDDDK 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 DAPI (left) or ARG66332 anti-DDDDK tag antibody [SQab1880] at 1:10000 and 4°C (right).



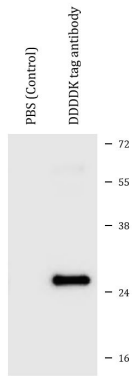
ARG66332 anti-DDDDK tag antibody [SQab1880] FACS image

Flow Cytometry: 293 cells transfected with N-terminal DYKDDDDK 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 ARG66332 anti-DDDDK tag antibody [SQab1880] (light blue histogram) at 1:2000 dilution in 1x PBS/1% BSA for 30 min at RT, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (white histogram) was used as a control.



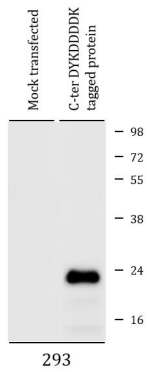
ARG66332 anti-DDDDK tag antibody [SQab1880] WB image

Western blot: Testing of ARG66332 anti-DDDDK tag antibody [SQab1880]. 3 µg of 293 cell lysate without any transfection (ARG66332 at 1:2000, left) or transfected with N-terminal DYKDDDDK tagged gene (ARG66332 at 1:10000, right).



ARG66332 anti-DDDDK tag antibody [SQab1880] IP image

Immunoprecipitation: 0.1 mg of 293 whole cells lysate transfected with N-terminal His tagged gene immunoprecipitated (1:50) and stained with ARG66332 anti-DDDDK tag antibody [SQab1880]. 1) PBS (Control) and 2) Primary antibody.



ARG66332 anti-DDDDK tag antibody [SQab1880] WB image

Western blot: Testing of ARG66332 anti-DDDDK tag antibody [SQab1880]. 3 µg of 293 cell lysate without any transfection (ARG66332 at 1:2000, left) or transfected with C-terminal DYKDDDK tagged gene (ARG66332 at 1:100000, right).