

ARG45719 anti-STOML3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes STOML3
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	STOML3
Species	Human
Immunogen	Recombinant protein containing to human STOML3.
Conjugation	Un-conjugated
Alternate Names	STOML3; Stomatin Like 3; Epb7.2l; SRO; Stomatin (EPB72)-Like 3; Stomatin-Like Protein 3; EPB72-Like 3; SLP-3; Erythrocyte Band 7 Integral Membrane Protein; Protein 7.2B

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	36 kDa	

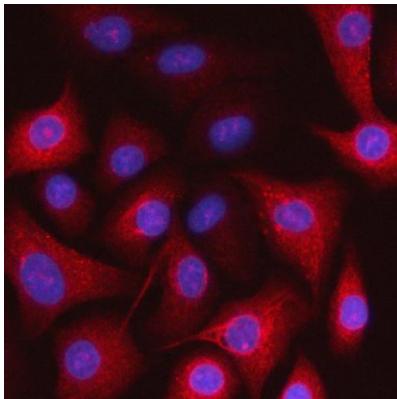
Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
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 or below. 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

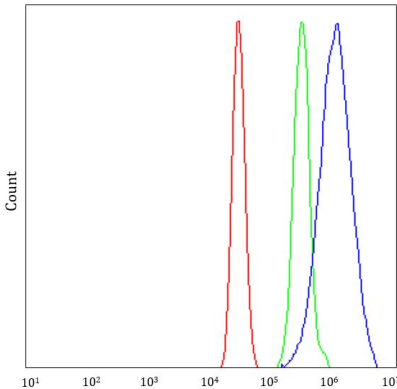
Gene Symbol	STOML3
Gene Full Name	Stomatin Like 3
Background	Predicted to act upstream of or within signal transduction. Predicted to be located in cilium; membrane raft; and neuron projection. Predicted to be active in plasma membrane. [provided by Alliance of Genome Resources, Feb 2025]
Function	Required for the function of many mechanoreceptors. Modulate mechanotransduction channels and acid-sensing ion channels (ASIC) proteins. Potentiates PIEZO1 and PIEZO2 function by increasing their sensitivity to mechanical stimulations. [UniProt]
Calculated Mw	32 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Cell membrane; Membrane. [UniProt]

Images



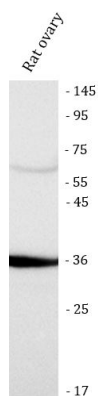
ARG45719 anti-STOML3 antibody ICC/IF image

Immunofluorescence: A549 stained with ARG45719 anti-STOML3 antibody at 5 µg/ml dilution.



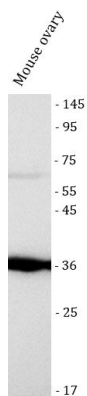
ARG45719 anti-STOML3 antibody FACS image

Flow Cytometry: MCF-7 stained with ARG45719 anti-STOML3 antibody at 1 µg/10⁶ cells dilution.



ARG45719 anti-STOML3 antibody WB image

Western blot: Rat ovary stained with ARG45719 anti-STOML3 antibody at 0.5 µg/ml dilution.



ARG45719 anti-STOML3 antibody WB image

Western blot: Mouse ovary stained with ARG45719 anti-STOML3 antibody at 0.5 µg/ml dilution.