

ARG56969 anti-Cellubrevin antibody [4G9]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [4G9] recognizes Cellubrevin
Tested Reactivity	Hu, Ms
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	4G9
Isotype	IgG2b, kappa
Target Name	Cellubrevin
Species	Human
Immunogen	Recombinant fragment around aa. 1-77 of Human Cellubrevin.
Conjugation	Un-conjugated
Alternate Names	Synaptobrevin-3; Vesicle-associated membrane protein 3; Cellubrevin; CEB; VAMP-3

Application Instructions

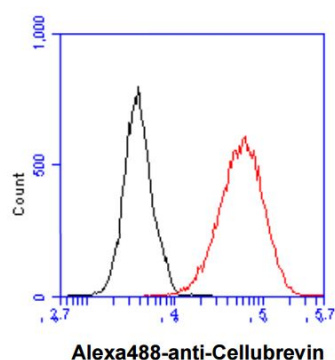
Application table	Application	Dilution
	FACS	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 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. 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.

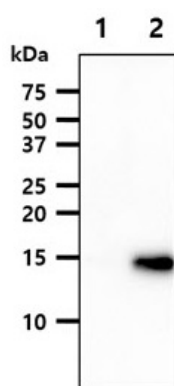
Database links	GeneID: 22319 Mouse GeneID: 9341 Human Swiss-port # P63024 Mouse Swiss-port # Q15836 Human
Gene Symbol	VAMP3
Gene Full Name	vesicle-associated membrane protein 3
Background	Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation. [provided by RefSeq, Jul 2008]
Function	SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network. [UniProt]
Calculated Mw	11 kDa

Images



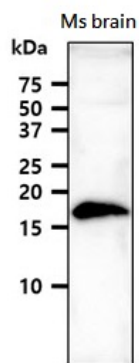
ARG56969 anti-Cellubrevin antibody [4G9] FACS image

Flow Cytometry: HeLa cell line stained with ARG56969 anti-Cellubrevin antibody [4G9] at 2-5 µg for 1×10^6 cells (red line). Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was Mouse IgG (black line).



ARG56969 anti-Cellubrevin antibody [4G9] WB image

Western blot: 40 µg of 1) 293T cell lysate, 2) Cellubrevin transfected 293T cell lysate stained with ARG56969 anti-Cellubrevin antibody [4G9] at 1:1000.



ARG56969 anti-Cellubrevin antibody [4G9] WB image

Western blot: 40 µg of Mouse brain tissue lysate stained with ARG56969 anti-Cellubrevin antibody [4G9] at 1:1000.