

ARG45418
anti-MAMDC4 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MAMDC4
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MAMDC4
Species	Human
Immunogen	Recombinant protein containing to human MAMDC4.
Conjugation	Un-conjugated
Alternate Names	MAMDC4; MAM Domain Containing 4; AEGP; EDTB; MAM Domain-Containing Protein 4; Apical Endosomal Glycoprotein; DKFZp434M1411; Endotubin; Apical Early Endosomal Glycoprotein Precursor; Apical Early Endosomal Glycoprotein

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	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	100 kDa	

Properties

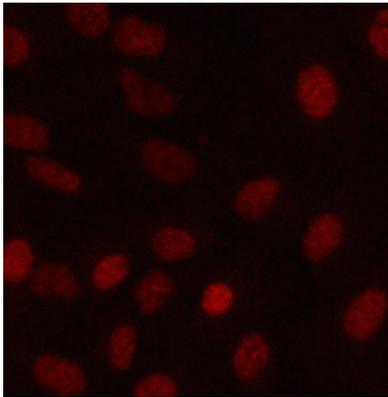
Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage 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.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

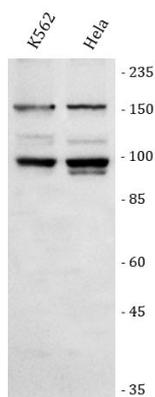
Gene Symbol	MAMDC4
Gene Full Name	MAM Domain Containing 4
Background	Predicted to enable protein histidine phosphatase activity. Predicted to be involved in peptidyl-histidine dephosphorylation. Predicted to be located in cytosol. Predicted to be active in Golgi apparatus. [provided by Alliance of Genome Resources, Nov 2024]
Function	Probably involved in the sorting and selective transport of receptors and ligands across polarized epithelia. [UniProt]
Calculated Mw	131 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Membrane. [UniProt]

Images



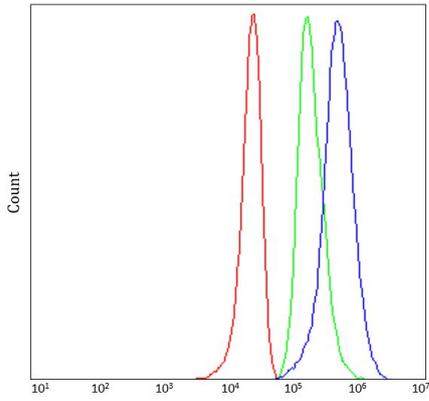
ARG45418 anti-MAMDC4 antibody ICC/IF image

Immunofluorescence: A549 stained with ARG45418 anti-MAMDC4 antibody at 2 μ g/ml dilution.



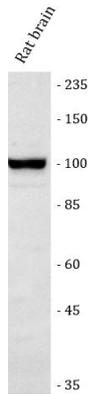
ARG45418 anti-MAMDC4 antibody WB image

Western blot: K562 and HeLa stained with ARG45418 anti-MAMDC4 antibody at 0.5 μ g/ml dilution.



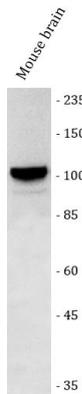
ARG45418 anti-MAMDC4 antibody FACS image

Flow Cytometry: HepG2 stained with ARG45418 anti-MAMDC4 antibody at 1 µg/10⁶ cells dilution.



ARG45418 anti-MAMDC4 antibody WB image

Western blot: Rat brain stained with ARG45418 anti-MAMDC4 antibody at 0.5 µg/ml dilution.



ARG45418 anti-MAMDC4 antibody WB image

Western blot: Mouse brain stained with ARG45418 anti-MAMDC4 antibody at 0.5 µg/ml dilution.