

ARG43005 anti-MYO19 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MYO19
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MYO19
Species	Human
Immunogen	Recombinant protein of Human MYO19.
Conjugation	Un-conjugated
Alternate Names	MYOHD1; Unconventional myosin-XIX; Myosin head domain-containing protein 1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:20
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	~ 105 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Concentration	Batch dependent
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.

Bioinformation

Gene Symbol	MYO19
Gene Full Name	myosin XIX
Function	Actin-based motor molecule with ATPase activity that localizes to the mitochondrion outer membrane (PubMed:19932026, PubMed:23568824, PubMed:25447992). Motor protein that moves towards the plus-end of actin filaments (By similarity). Required for mitochondrial inheritance during mitosis (PubMed:25447992). May be involved in mitochondrial transport or positioning (PubMed:23568824). [UniProt]
Calculated Mw	109 kDa
Cellular Localization	Mitochondrion outer membrane; Peripheral membrane protein. Cytoplasm, cytoskeleton. [UniProt]

Images



HeLa

ARG43005 anti-MYO19 antibody WB image

Western blot: HeLa cell lysate stained with ARG43005 anti-MYO19 antibody at 1:1000 dilution.