

ARG44710 anti-MYH9 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes MYH9
Tested Reactivity	Hu
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Target Name	MYH9
Species	Human
Conjugation	Un-conjugated
Alternate Names	NMHC-II-A; Myosin heavy chain 9; FTNS; Non-muscle myosin heavy chain IIa; Non-muscle myosin heavy chain A; BDPLT6; EPSTS; NMMHCA; MHA; Myosin-9; DFNA17; Myosin heavy chain, non-muscle IIa; NMMHC-IIA; NMMHC II-a; NMMHC-A; Cellular myosin heavy chain, type A

Application Instructions

Application table	Application	Dilution
	IHC-P	5-10 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

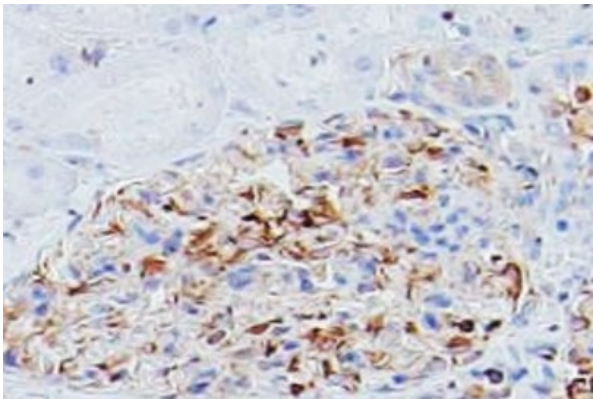
Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
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

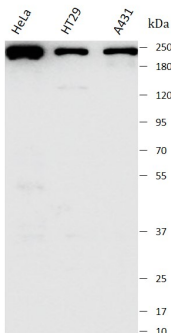
Gene Symbol	MYH9
Gene Full Name	myosin, heavy chain 9, non-muscle
Background	Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. During cell spreading, plays an important role in cytoskeleton reorganization, focal contacts formation (in the margins but not the central part of spreading cells), and lamellipodial retraction; this function is mechanically antagonized by MYH10. [UniProt]
PTM	ISGylated.

Images



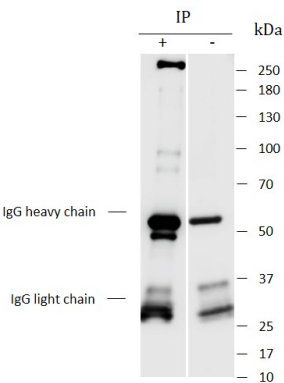
ARG44710 anti-MYH9 antibody IHC-P image

Immunohistochemistry: Human kidney stained with ARG44710 anti-MYH9 antibody at 5 µg/mL dilution.



ARG44710 anti-MYH9 antibody WB image

Western blot: HeLa, HT29, A431 stained with ARG44710 anti-MYH9 antibody at 1 µg/mL dilution.



ARG44710 anti-MYH9 antibody IP image

Immunoprecipitation: HeLa lysate immunoprecipitated with 2.5 µg of ARG44710 anti-MYH9 antibody.