

ARG44714 anti-NF2 / Merlin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes NF2 / Merlin
Tested Reactivity	Hu
Tested Application	IP
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	NF2 / Merlin
Species	Human
Conjugation	Un-conjugated
Alternate Names	Merlin; Schwannomin; SCH; Schwannomerlin; ACN; Moesin-ezrin-radixin-like protein; BANF; Neurofibromin-2

Application Instructions

Application table	Application	Dilution
	IP	10 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.

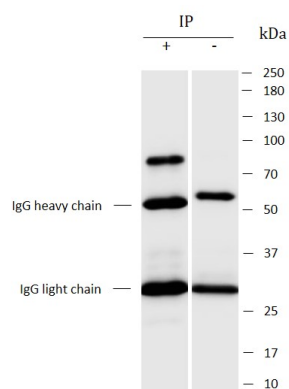
Bioinformation

Gene Symbol	NF2
Gene Full Name	neurofibromin 2 (merlin)
Background	Probable regulator of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway, a signaling pathway that plays a pivotal role in tumor suppression by restricting proliferation and promoting apoptosis. Along with

WWC1 can synergistically induce the phosphorylation of LATS1 and LATS2 and can probably function in the regulation of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway. May act as a membrane stabilizing protein. May inhibit PI3 kinase by binding to AGAP2 and impairing its stimulating activity.

Function	Probable regulator of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway, a signaling pathway that plays a pivotal role in tumor suppression by restricting proliferation and promoting apoptosis. Along with WWC1 can synergistically induce the phosphorylation of LATS1 and LATS2 and can probably function in the regulation of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway. May act as a membrane stabilizing protein. May inhibit PI3 kinase by binding to AGAP2 and impairing its stimulating activity. Suppresses cell proliferation and tumorigenesis by inhibiting the CUL4A-RBX1-DDB1-VprBP/DCAF1 E3 ubiquitin-protein ligase complex. [UniProt]
Calculated Mw	149 kDa
PTM	CD40LG induces tyrosine phosphorylation of isoform 3.

Images



ARG44714 anti-NF2 / Merlin antibody IP image

Immunoprecipitation: A549 lysate immunoprecipitated with 2.5 µg of ARG44714 anti-NF2 / Merlin antibody.