

ARG44683 anti-ING1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes ING1
Tested Reactivity	Hu, Ms
Tested Application	IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Target Name	ING1
Species	Human
Conjugation	Un-conjugated
Alternate Names	p47ING1a; p24ING1c; Inhibitor of growth protein 1; p33ING1b; p33ING1; p47; p33

Application Instructions

Application table	Application	Dilution
	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.

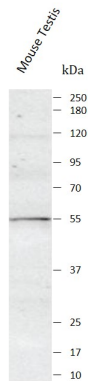
Bioinformation

Gene Symbol	ING1
Gene Full Name	inhibitor of growth family, member 1
Background	This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The

encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

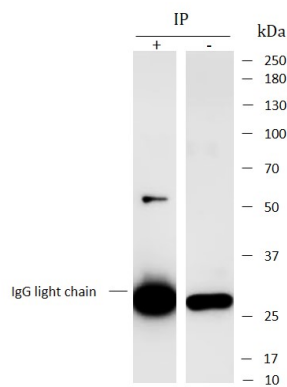
Function	Cooperates with p53/TP53 in the negative regulatory pathway of cell growth by modulating p53-dependent transcriptional activation. Implicated as a tumor suppressor gene. [UniProt]
Calculated Mw	47 kDa
PTM	N-glycosylation enhances cell surface expression and lengthens receptor half-life by preventing degradation in the ER.
Cellular Localization	Nucleus. [UniProt]

Images



ARG44683 anti-ING1 antibody WB image

Western blot: Mouse Testis stained with ARG44683 anti-ING1 antibody at 1 µg/mL dilution.



ARG44683 anti-ING1 antibody IP image

Immunoprecipitation: Mouse Testis lysate immunoprecipitated with 2.5 µg of ARG44683 anti-ING1 antibody.