ARG57131
anti-ING2 / ING1L antibody [39E5]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [39E5] recognizes ING2 / ING1L
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	39E5
Isotype	IgG1b, kappa
Target Name	ING2 / ING1L
Species	Human
Immunogen	Recombinant fragment around aa. 1-280 of Human ING2
Conjugation	Un-conjugated
Alternate Names	ING1L; ING1Lp; Inhibitor of growth protein 2; Inhibitor of growth 1-like protein; p33ING2; p32

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

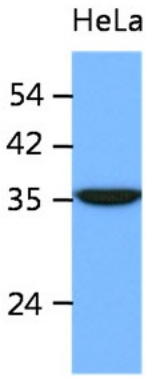
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 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. 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

Database links	GeneID: 3622 Human Swiss-port # Q9H160 Human
Gene Symbol	ING2
Gene Full Name	inhibitor of growth family, member 2
Background	This gene is a member of the inhibitor of growth (ING) family. Members of the ING family associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase (HDAC) complexes and function in DNA repair and apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]
Function	Seems to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. Component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity seems to be modulated by binding to phosphoinositides (PtdInsPs). [UniProt]
Calculated Mw	33 kDa
PTM	Sumoylation enhances its association with SIN3A and is required for binding to some target gene promoters, this is the case for TMEM71.

Images



ARG57131 anti-ING2 / ING1L antibody [39E5] WB image

Western blot: 40 µg of HeLa cell lysate stained with ARG57131 anti-ING2 / ING1L antibody [39E5] at 1:1000.