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Anti-ING3 Antibody (clone 2E9)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17722

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9NXR8
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Names	2E9
Calculated MW	46743
Concentration (mg/ml)	0.32 mg/ml

Additional Information

Gene ID	54556
Alias Symbol	ING3
Other Names	ING3, p47ING3, Inhibitor of growth protein 3, MEAF4, Eaf4, p47
Target/Specificity	Human ING3
Reconstitution & Storage	Protein A purified
Precautions	Anti-ING3 Antibody (clone 2E9) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ING3
Function	Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AZ1 from the nucleosome.

Cellular Location	Nucleus.
Tissue Location	Expressed in brain, heart, kidney, liver, lung, ovaries, placenta, prostate, skeletal muscle, small intestine, spleen, testis and thymus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.