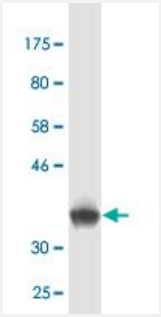
ING3 monoclonal antibody (M13A), clone 2E21

Catalog # H00054556-M13A Size 200 uL

Applications



Western Blot detection against Immunogen (35.86 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ING3.
Immunogen	ING3 (NP_938008, 1 a.a. ~ 92 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLYLEDYLEMIEQLPMDLRDRFTEMREMDLQVQNAMDQLEQRVSEFFMNAKKNKPEWREEQMASIKKDYYKALEDADEKVQLANQIYDLQHF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.86 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — ING3

Entrez GeneID	54556
GeneBank Accession#	NM_198267
Protein Accession#	NP_938008
Gene Name	ING3
Gene Alias	Eaf4, FLJ20089, ING2, p47ING3
Gene Description	inhibitor of growth family, member 3
Omim ID	607493
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is similar to ING1, a tumor suppressor protein that can interact with TP53, inhibit cell growth, and induce apoptosis. This protein contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This gene can activate p53 trans-a ctivated promoters, including promoters of p21/waf1 and bax. Overexpression of this gene has be en shown to inhibit cell growth and induce apoptosis. Allelic loss and reduced expression of this g ene were detected in head and neck cancers. Two alternatively spliced transcript variants encodi ng different isoforms have been observed. [provided by RefSeq
Other Designations	-

Disease

- Autistic Disorder
- Genetic Predisposition to Disease