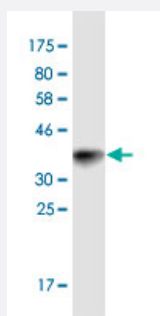


# ING3 monoclonal antibody (M13), clone 2E21

Catalog # H00054556-M13

Size 100 ug

## Applications



Western Blot detection against Immunogen (35.86 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant ING3.
<b>Immunogen</b>	ING3 (NP_938008, 1 a.a. ~ 92 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MLYLEDYLEMIEQLPMDLRDRFTEMREMDLQVQNAMDQLEQRVSEFFMNAKKNKPEWREEQM ASIKKDYKALEDADEKVQLANQIYDLQHF
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (95); Rat (96)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.86 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	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-activated promoters, including promoters of p21/waf1 and bax. Overexpression of this gene has been shown to inhibit cell growth and induce apoptosis. Allelic loss and reduced expression of this gene were detected in head and neck cancers. Two alternatively spliced transcript variants encoding different isoforms have been observed. [provided by RefSeq]

Other Designations -

## Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)