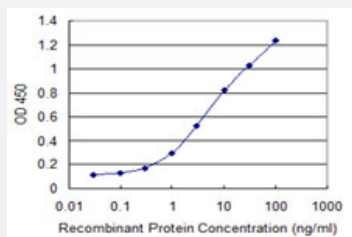


# ING3 monoclonal antibody (M09), clone 2D8

Catalog # H00054556-M09

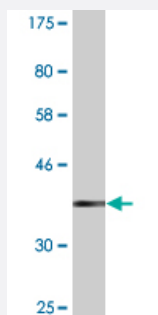
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ING3 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.86 KDa) .

## Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ING3.
Immunogen	ING3 (AAH09776, 1 a.a. ~ 92 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLYLEDYLEMIEQLPMDLRDRFTEMREMDLQVQNAMDQLEQRVSEFFMNAKKNKPEWREEQM ASIKKDYYKALEDADEKVQLANQYDLQHF
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 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ING3 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — ING3

Entrez GeneID	<a href="#">54556</a>
GeneBank Accession#	<a href="#">BC009776</a>
Protein Accession#	<a href="#">AAH09776</a>
Gene Name	ING3
Gene Alias	Eaf4, FLJ20089, ING2, p47ING3
Gene Description	inhibitor of growth family, member 3
Omim ID	<a href="#">607493</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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**

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**Disease**

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