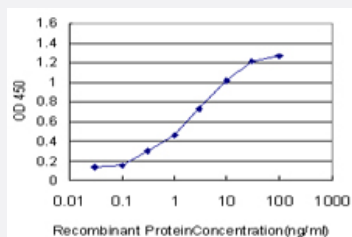


ING1 monoclonal antibody (M08), clone 3E7

Catalog # H00003621-M08

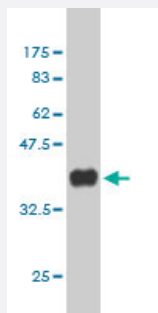
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ING1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ING1.
Immunogen	ING1 (NP_937862.1, 41 a.a. ~ 140 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DAKYQEILKELDECYERFSRETGDGAQKRRMLHCVQRALIRSQELGDEKIQIVSQMVVELVENRTRQVDSHVELFEAQQELGDTAGNSGKAGADRPKGEGAAA
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (81); Rat (79)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 ING1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ING1

Entrez GeneID	3621
GeneBank Accession#	NM_198219.1
Protein Accession#	NP_937862.1
Gene Name	ING1
Gene Alias	p24ING1c, p33, p33ING1, p33ING1b, p47, p47ING1a
Gene Description	inhibitor of growth family, member 1
Omim ID	275355 601566
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations

OTTHUMP00000018703|OTTHUMP00000018704|OTTHUMP00000018705|OTTHUMP00000018706|growth inhibitor ING1|growth inhibitory protein ING1|inhibitor of growth 1|tumor suppressor ING1

Disease

- [Alzheimer disease](#)
- [Colorectal Neoplasms](#)