

# ING2 Monoclonal antibody

Catalog Number: 66512-1-Ig

## Basic Information

## Catalog Number:

66512-1-Ig

## Size:

1900 µg/ml

## Source:

Mouse

## Isotype:

IgG1

## Immunogen Catalog Number:

AG19291

## GenBank Accession Number:

BC030128

## GeneID (NCBI):

3622

## UNIPROT ID:

Q9H160

## Full Name:

inhibitor of growth family, member 2

## Calculated MW:

280 aa, 33 kDa

## Observed MW:

33-35 kDa

## Purification Method:

Protein A purification

## CloneNo.:

2C3A7

## Recommended Dilutions:

WB 1:1000-1:6000

## Applications

## Tested Applications:

WB, ELISA

## Species Specificity:

Human, rat, mouse

## Positive Controls:

WB : HSCT6 cells, T-47D cells, NIH/3T3 cells

## Background Information

ING2, also named as ING1L, belongs to the ING family and contains a PHD-type zinc finger. As a candidate tumor suppressor, ING2 seems to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. It is a component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. Recent finding reported that ING2 regulates muscle differentiation by regulating chromatin remodeling program.

## Storage

## Storage:

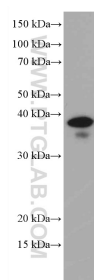
Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



HSC-T6 cells were subjected to SDS PAGE followed by western blot with 66512-1-Ig (ING2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.