

For Research Use Only

# ING2 Monoclonal antibody, PBS Only

Catalog Number: 66512-1-PBS



## Basic Information

<b>Catalog Number:</b> 66512-1-PBS	<b>GenBank Accession Number:</b> BC030128	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3622	<b>CloneNo.:</b> 2C3A7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9H160	
<b>Isotype:</b> IgG1	<b>Full Name:</b> inhibitor of growth family, member 2	
<b>Immunogen Catalog Number:</b> AG19291	<b>Calculated MW:</b> 280 aa, 33 kDa	
	<b>Observed MW:</b> 33-35 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, rat, mouse

## 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

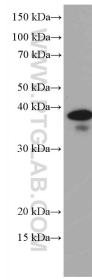
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## 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. This data was developed using the same antibody clone with 66512-1-PBS in a different storage buffer formulation.