

For Research Use Only

# CoraLite® Plus 488-conjugated ING2 Monoclonal antibody



Catalog Number: **CL488-66512**

## Basic Information

<b>Catalog Number:</b> CL488-66512	<b>GenBank Accession Number:</b> BC030128	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3622	<b>CloneNo.:</b> 2C3A7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9H160	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<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:**  
**Species Specificity:**  
human, mouse, rat

## 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. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:  
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