

For Research Use Only

# CoraLite® Plus 488-conjugated ING2 Monoclonal antibody



Catalog Number: CL488-66512

## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>CL488-66512                             | <b>GenBank Accession Number:</b><br>BC030128              | <b>Purification Method:</b><br>Protein A purification                 |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by<br>Nanodrop; | <b>GeneID (NCBI):</b><br>3622                             | <b>CloneNo.:</b><br>2C3A7   |
| <b>Source:</b><br>Mouse   | <b>UNIPROT ID:</b><br>Q9H160                              | <b>Excitation/Emission maxima<br/>wavelengths:</b><br>493 nm / 522 nm |
| <b>Isotype:</b><br>IgG1   | <b>Full Name:</b><br>inhibitor of growth family, member 2 |   |
| <b>Immunogen Catalog Number:</b><br>AG19291                       | <b>Calculated MW:</b><br>280 aa, 33 kDa                   |   |
|   | <b>Observed MW:</b><br>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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data