

For Research Use Only

CoraLite® Plus 488-conjugated ING2 Monoclonal antibody



Catalog Number: CL488-66512

Basic Information

Catalog Number: CL488-66512	GenBank Accession Number: BC030128	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3622	CloneNo.: 2C3A7
Source: Mouse	Full Name: inhibitor of growth family, member 2	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG1	Calculated MW: 280 aa, 33 kDa	
Immunogen Catalog Number: AG19291	Observed MW: 33-35 kDa	

Applications

Tested Applications:
FC (Intra)

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 -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.

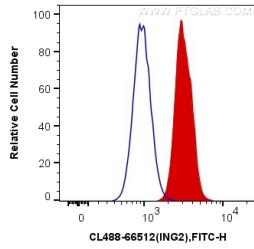
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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 W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human ING2 (CL488-66512, Clone:2C3A7) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).