

CoraLite® Plus 488-conjugated ING2 Monoclonal antibody

Catalog Number: **CL488-66512**

Basic Information

Catalog Number:

CL488-66512

Size:

1000 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

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

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

