CoraLite® Plus 488-conjugated HEY2 Recombinant antibody

Catalog Number:CL488-83501-7

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
CL488-83501-7

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG30988

GenBank Accession Number:
BC007707

GeneID (NCBI):
23493

UNIPROT ID:
Q9UBP5

Full Name:
hairy/enhancer-of-split related with YRPW motif 2

Calculated MW:
36 kDa

Purification Method:
Protein A purification

CloneNo.:
240474F2

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Species Specificity:
human

Positive Controls:
IF/ICC : HeLa cells,

Background Information

Hairy/enhancer of split-related proteins, such as HEY2, are basic helix-loop-helix (bHLH) transcription factors implicated in cell fate decision and boundary formation. HEY genes are direct transcriptional targets of the Notch signaling pathways in Drosophila and vertebrates. HEY2 is similarly expressed in the somites whereas it shows a complementary expression in the heart, the craniofacial region and the nervous system. This antibody is a rabbit polyclonal antibody raised against full length of human HEY2.

Storage

Storage:
Store at -20℃. 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.
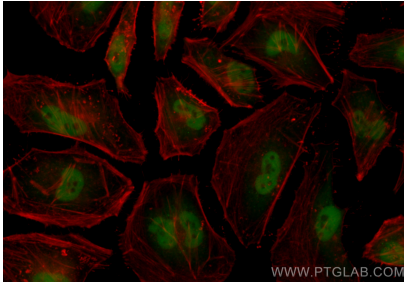Aliquoting is unnecessary for -20°C storage

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 HEY2 antibody (CL488-83501-7, Clone: 240474F2) at dilution of 1:200.
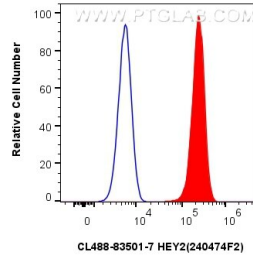
1x10^6 HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated HEY2 Recombinant antibody (CL488-83501-7, Clone:240474F2)(red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).