

For Research Use Only

CoraLite® Plus 488-conjugated HEY2 Recombinant antibody

Catalog Number: CL488-83501-7



Basic Information

Catalog Number: CL488-83501-7	GenBank Accession Number: BC007707	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 23493	CloneNo.: 240474F2
Source: Rabbit	UNIPROT ID: Q9UBP5	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: hairy/enhancer-of-split related with YRPW motif 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG30988	Calculated MW: 36 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

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.

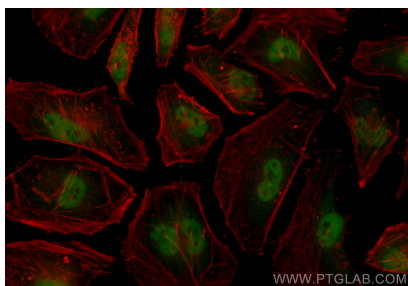
Storage

Storage:
Store at -20°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

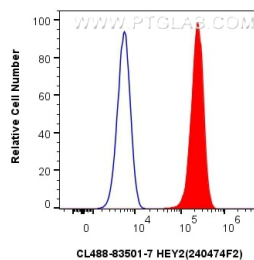
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 HEY2 antibody (CL488-83501-7, Clone: 240474F2) at dilution of 1:200.



1x10⁶ 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).