

For Research Use Only

CoraLite® Plus 488-conjugated HSP90 Recombinant monoclonal antibody

Catalog Number: CL488-80301

Featured Product



Basic Information

Catalog Number:

CL488-80301

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1947

GenBank Accession Number:

BC014485

GeneID (NCBI):

3326

UNIPROT ID:

P08238

Full Name:

heat shock protein 90kDa alpha
(cytosolic), class B member 1

Calculated MW:

723 aa, 83 kDa

Observed MW:

83-90 kDa

Purification Method:

Protein A purification

CloneNo.:

5P14

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat, zebrafish

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

HSP90, encoded by HSP90AB1, also known as HSP90 beta, is a member of HSP90 family which includes cytosolic HSP90 alpha (HSP90AA1) and HSP90 beta, endoplasmic reticulum related GRP74, mitochondrial TRAP1. HSP90 proteins play a versatile role in cell regulation, forming complexes with a large number of cellular kinases, transcription factors, and other molecules. Upregulation of HSP90AB1 has been found in various cancers. This antibody may cross-react with HSP90AA1 due to the high homology between them.

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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

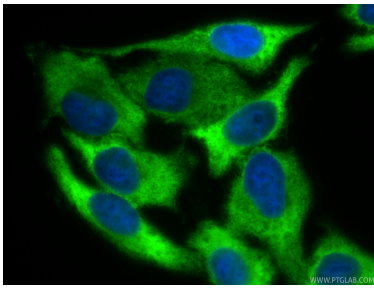
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 HSP90 antibody (CL488-80301, Clone: 5P14) at dilution of 1:200.