

For Research Use Only

# CoraLite® Plus 488-conjugated BAG6 Polyclonal antibody

Catalog Number: CL488-26417

Featured Product



## Basic Information

Catalog Number:

CL488-26417

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24525

GenBank Accession Number:

BC003133

GeneID (NCBI):

7917

UNIPROT ID:

P46379

Full Name:

HLA-B associated transcript 3

Calculated MW:

119 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

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

BAT3 also known as Scythe or BAG6, is a nuclear protein implicated in the control of apoptosis and natural killer (NK) cell-dendritic cell (DC) interaction. BAT3 was first discovered as a member of a group of genes located within the class III region of the human major histocompatibility complex on chromosome 6, and has been extensively studied for its role in regulating apoptosis under various stress conditions such as DNA damage and endoplasmic reticulum-related stress. BAT3 has been shown to be required for p53 acetylation, which is critical for the enhancement of p53 transcriptional activity in response to DNA damage. In addition, BAT3 is involved in the regulation of development and reproduction of mammals by acting as a co-chaperone of the heat shock protein HSP70.

## 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

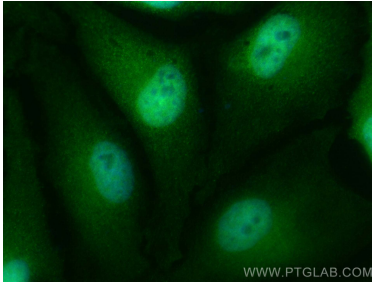
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

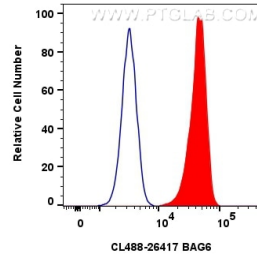
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 BAG6 antibody (CL488-26417) at dilution of 1:200.



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.8  $\mu$ g CoraLite® Plus 488 Anti-Human BAG6 (CL488-26417)(red), or 0.8  $\mu$ g Control Antibody (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).