

For Research Use Only

# CoraLite® Plus 488-conjugated ZBTB7A Recombinant antibody



Catalog Number: CL488-83616-5

Featured Product

## Basic Information

**Catalog Number:**

CL488-83616-5

**Size:**

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

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC113511

**GeneID (NCBI):**

51341

**UNIPROT ID:**

O95365

**Full Name:**

zinc finger and BTB domain  
containing 7A

**Calculated MW:**

61 kDa

**Observed MW:**

61 kDa, 75-80 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

240555A6

**Recommended Dilutions:**

IF/ICC 1:50-1:500

**Excitation/Emission maxima  
wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

IF/ICC

**Species Specificity:**

human

**Positive Controls:**

IF/ICC : HepG2 cells,

## Background Information

ZBTB7A, also named as LRF, FBI1, FBI-1, pokemon, ZBTB7, ZNF857A and DKFZp5470146, a member of the POK (POZ and Krüppel) family of transcription factors, plays a role in differentiation, oncogenesis, and adipogenesis (PMID: 35798238). ZBTB7A is involved in the instruction of early lymphoid progenitors to develop into B lineage by repressing T-cell instructive Notch signals. ZBTB7A is widely expressed in normal thymus and it is aberrantly overexpressed in human cancers (PMID: 28942243). ZBTB7A has 10 potential sumoylation sites located at lysine 61, 354, 371, 379, 383, 396, 486, 487, 536 and 539 (PMID: 20471975, 19471103). ZBTB7A has a predicted molecular weight of 61 kDa and the 75-80-kDa band could be the sumoylated form.

## 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

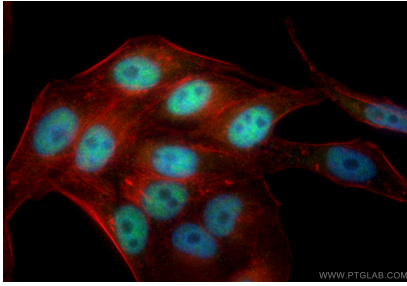
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 ZBTB7A antibody (CL488-83616-5, Clone: 240555A6) at dilution of 1:200, CL594-Phalloidin (red).