

For Research Use Only

CoraLite® Plus 488-conjugated TOX2 Recombinant antibody

Catalog Number: CL488-84304-2



Basic Information

Catalog Number:

CL488-84304-2

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14772

GenBank Accession Number:

BC007636

GeneID (NCBI):

84969

UNIPROT ID:

Q96NM4

Full Name:

TOX high mobility group box family member 2

Calculated MW:

488 aa, 52 kDa

Purification Method:

Protein A purification

CloneNo.:

241645A11

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 : A549 cells,

Background Information

TOX2 is a transcription factor belonging to the TOX (thymocyte selection-associated HMG box) family that shares a highly conserved high mobility group DNA-binding domain with the other TOX members. A previous study showed that TOX2 is preferentially expressed in human NK cells among various leukocyte populations and is required for in vitro and in vivo human NK cell differentiation from UCB-derived CD341 hematopoietic stem cells (HSCs) (PMID: 25352127).

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:

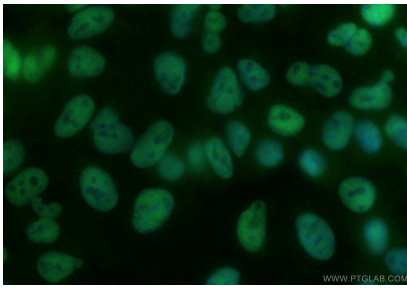
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488 TOX2 antibody (CL488-84304-2, Clone: 241645A11) at dilution of 1:200.