

For Research Use Only

CoraLite® Plus 488-conjugated TOX2 Recombinant antibody

Catalog Number: CL488-84304-2



Basic Information

Catalog Number: CL488-84304-2	GenBank Accession Number: BC007636	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 84969	CloneNo.: 241645A11
Source: Rabbit	UNIPROT ID: Q96NM4	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: TOX high mobility group box family member 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG14772	Calculated MW: 488 aa, 52 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A549 cells,
Species Specificity: human	

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

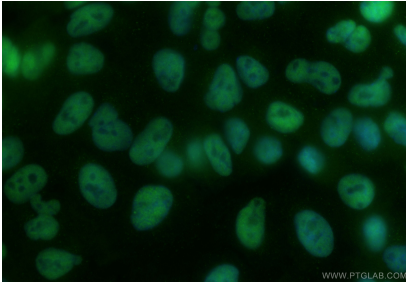
For technical support and original validation data for this product please contact:

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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.