

For Research Use Only

TOX2 Monoclonal antibody

Catalog Number: 68590-1-Ig



Basic Information

Catalog Number: 68590-1-Ig	GenBank Accession Number: NM_001098797	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 84969	CloneNo.: 2G12A7
Source: Mouse	UNIPROT ID: Q96NM4	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: TOX high mobility group box family member 2	
Immunogen Catalog Number: AG31563	Calculated MW: 52KD	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat, rabbit	WB : SH-SY5Y cells, A549 cells, HeLa cells, HT-1080 cells, HEK-293 cells, rat brain tissue, mouse brain tissue, rabbit brain tissue

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

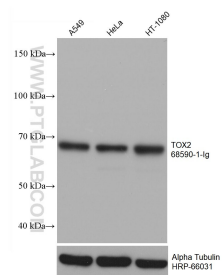
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

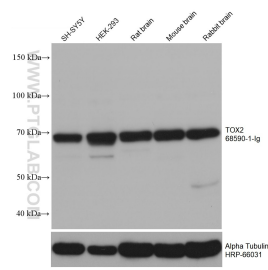
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68590-1-Ig (TOX2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



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