TOX2 Monoclonal antibody, PBS Only

proteintech®
Antibodies | ELISA kits | Proteins

Catalog Number:**68590-1-PBS**

www.ptglab.com

Basic Information

Catalog Number:	68590-1-PBS
Size:	1 mg/ml
Source:	Mouse
Isotype:	IgG1
Immunogen Catalog Number:	AG31563

GenBank Accession Number:	NM_001098797
GeneID (NCBI):	84969
UNIPROT ID:	Q96NM4
Full Name:	TOX high mobility group box family member 2
Calculated MW:	52KD
Observed MW:	70 kDa

Purification Method:	Protein G purification
CloneNo.:	2G12A7

Applications

Tested Applications:
WB,Indirect ELISA

Species Specificity:
Human, mouse, rat, rabbit

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).
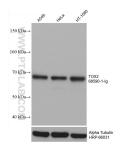
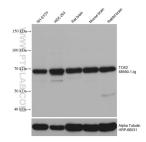## Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

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. This data was developed using the same antibody clone with 68590-1-PBS in a different storage buffer formulation.

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. This data was developed using the same antibody clone with 68590-1-PBS in a different storage buffer formulation.