

For Research Use Only

TGIF2 Monoclonal antibody, PBS Only



Catalog Number: 67576-1-PBS

Basic Information

Catalog Number: 67576-1-PBS	GenBank Accession Number: BC012816	Purification Method: Protein G purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 60436	CloneNo.: 2D6B6
Source: Mouse	UNIPROT ID: Q9GZN2	
Isotype: IgG1	Full Name: TGFB-induced factor homeobox 2	
Immunogen Catalog Number: AG30083	Calculated MW: 237 aa, 26 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
Indirect ELISA, WB

Species Specificity:
human

Background Information

TGIF2, is a member of a subfamily of transcription factor with a TALE(3-amino acid loop extension), an atypical homeodomain. It also contains a proline-rich region, which is a putative SH3 domain-binding site and suggested involve in transcriptional regulation. It is highly expressed in the heart, kidney, and testis, but low in the brain and prostate. Through binding directly to the 5'-CTGTCAA-3' DNA sequence or by interacting with TGF-beta activated SMAD proteins, TGIF2 acts as a transcriptional repressor. The calculated molecular weight of TGIF2 is 26 kDa, but the phosphorylated TGIF2 is about 30-35 kDa protein.

Storage

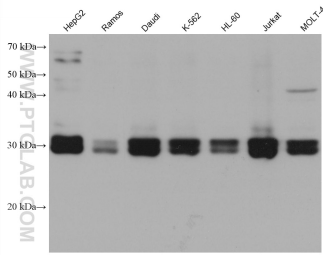
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

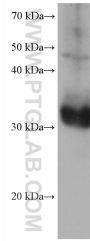
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

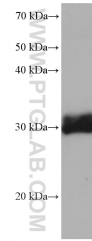
Selected Validation Data



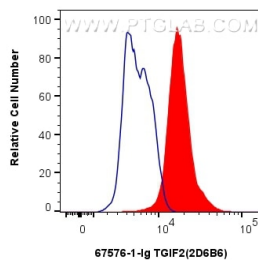
Various lysates were subjected to SDS PAGE followed by western blot with 67576-1-Ig (TGIF2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67576-1-PBS in a different storage buffer formulation.



COLO 320 cells were subjected to SDS PAGE followed by western blot with 67576-1-Ig (TGIF2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67576-1-PBS in a different storage buffer formulation.



THP-1 cells were subjected to SDS PAGE followed by western blot with 67576-1-Ig (TGIF2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67576-1-PBS in a different storage buffer formulation.



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug TGIF2 Monoclonal antibody (67576-1-Ig, Clone:2D6B6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.4 ug Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 67576-1-PBS in a different storage buffer

