

For Research Use Only

LZTFL1 Monoclonal antibody, PBS Only



Catalog Number: 68281-1-PBS

Basic Information

Catalog Number: 68281-1-PBS	GenBank Accession Number: BC025988	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 54585	CloneNo.: 2C1F6
Source: Mouse	UNIPROT ID: Q9NQ48	
Isotype: IgG2a	Full Name: leucine zipper transcription factor-like 1	
Immunogen Catalog Number: AG10733	Calculated MW: 299 aa, 35 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
Human

Background Information

LZTFL1 belongs to the LZTFL1 family. It is an important regulator of BBSome ciliary trafficking and hedgehog signaling. LZTFL1 regulates Ciliary Trafficking of the BBSome and Smoothened.(PMID:22072986)

Storage

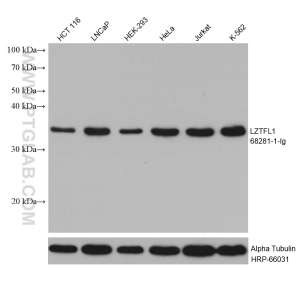
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

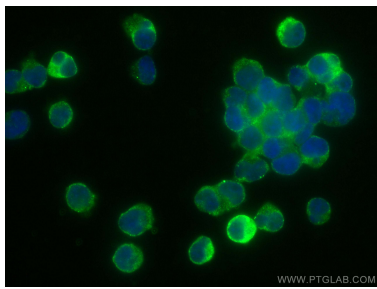
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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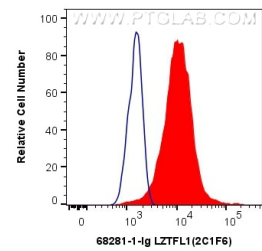
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68281-1-Ig (LZTFL1 antibody) at dilution of 1:10000 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 68281-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using LZTFL1 antibody (68281-1-Ig, Clone: 2C1F6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68281-1-PBS in a different storage buffer formulation.



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug Anti-Human LZTFL1 (68281-1-Ig, Clone:2C1F6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 68281-1-PBS in a