

For Research Use Only

LZTFL1 Monoclonal antibody

Catalog Number: 68281-1-Ig



Basic Information

Catalog Number: 68281-1-Ig	GenBank Accession Number: BC025988	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 54585	CloneNo.: 2C1F6
Source: Mouse	UNIPROT ID: Q9NQ48	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:400-1:1600
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, ELISA, IF/ICC, FC (Intra)	Positive Controls:
Species Specificity: Human	WB : HCT 116 cells, LNCaP cells, HEK-293 cells, HeLa cells, Jurkat cells, K-562 cells
	IF/ICC : Jurkat cells,

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

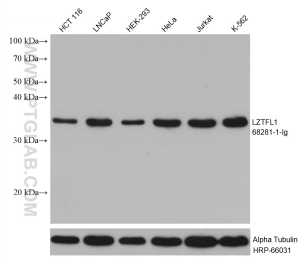
T: 4006900926

E: Proteintech-CN@ptglab.com

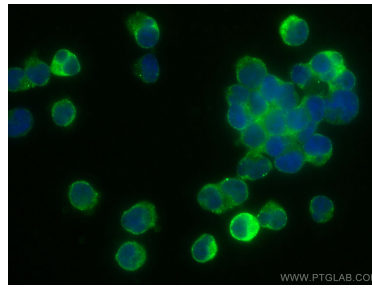
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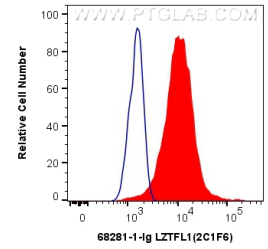
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68281-1-Ig (LZTF1 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.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using LZTF1 antibody (68281-1-Ig, Clone: 2C1F6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug Anti-Human LZTF1 (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).