

For Research Use Only

TWF1 Monoclonal antibody

Catalog Number: 67796-1-Ig



Basic Information

Catalog Number: 67796-1-Ig	GenBank Accession Number: BC022344	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 5756	CloneNo.: 2F10F11
Source: Mouse	UNIPROT ID: Q12792	Recommended Dilutions: WB 1:2000-1:20000 IF/ICC 1:200-1:800
Isotype: IgG2a	Full Name: twinfilin, actin-binding protein, homolog 1 (Drosophila)	
Immunogen Catalog Number: AG28630	Calculated MW: 368 aa, 42 kDa	
	Observed MW: 36-38 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: Human	WB : LNCaP cells, Jurkat cells, HEK-293 cells, HeLa cells, HepG2 cells IF/ICC : MCF-7 cells,

Background Information

Twinfilin-1 (TWF1) is an actin-binding protein implicated in cell motility, invasion and migration. Its expression is linked to sensitivity to drugs and cancer progression. Overexpression of TWF1 has been reported in various cancers, including breast cancer and lung cancer.

Storage

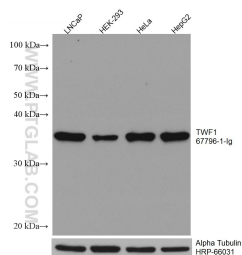
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

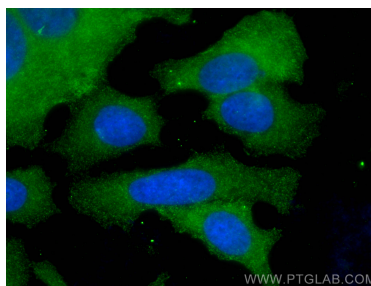
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67796-1-Ig (TWF1 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 (-20°C Methanol) fixed MCF-7 cells using TWF1 antibody (67796-1-Ig, Clone: 2F10F11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).