

For Research Use Only

AZI1 Recombinant monoclonal antibody, PBS Only

Catalog Number:86809-3-PBS



Basic Information

Catalog Number: 86809-3-PBS	GenBank Accession Number: BC136578	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 22994	CloneNo.: 251839D3
Source: Rabbit	UNIPROT ID: Q9UPN4	
Isotype: IgG	Full Name: 5-azacytidine induced 1	
Immunogen Catalog Number: AG22699	Calculated MW: 1083 aa, 122 kDa	
	Observed MW: 117-130 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

AZI1, also named as CEP131 and KIAA1118, may play a role in spermatogenesis. It is located at the ciliary base and required for cilium formation.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

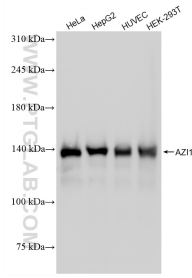
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

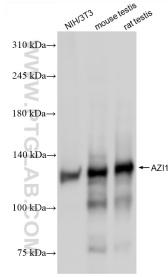
E: proteintech@ptglab.com
W: ptglab.com

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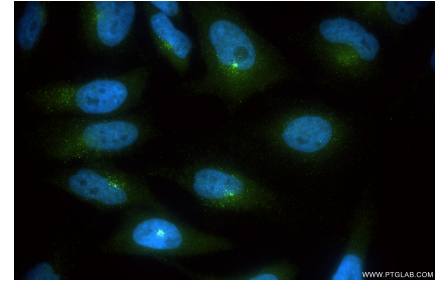
Selected Validation Data



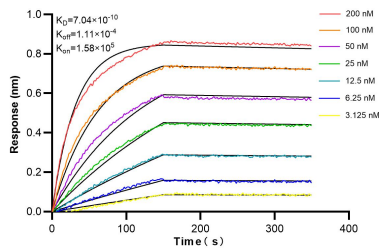
Various lysates were subjected to SDS PAGE followed by western blot with 86809-3-RR (AZI1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86809-3-PBS in a different storage buffer formulation.



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Immunofluorescent analysis of (4% PFA) fixed HeLa cells using AZI1 antibody (86809-3-RR, Clone: 251839D3) at dilution of 1:500 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86809-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86809-3-RR against Human AZI1 were performed. The affinity constant is 0.704 nM.