

For Research Use Only

MEIKIN Polyclonal antibody, PBS Only

Catalog Number: 31759-1-PBS



Basic Information

Catalog Number: 31759-1-PBS	GenBank Accession Number: NM_001303622	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 728637	
Source: Rabbit	UNIPROT ID: A0A087WXM9	
Isotype: IgG	Full Name: similar to mCG13783	
Immunogen Catalog Number: AG36937	Calculated MW: 373aa, 41 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications:
IHC, IF/ICC, IF-P, Indirect ELISA

Species Specificity:
human

Background Information

Meikin is a conservative regulatory protein that plays a key role in meiosis. It was first discovered in mice. It is a meiotic-specific centromere protein and was named Meikin because of its important role in meiosis. Meikin's function is mainly realized by regulating the activity of Polo-like kinase PLK1. PLK1 is enriched to centromere under Meikin's dependence, which further affects the function of centromere.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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

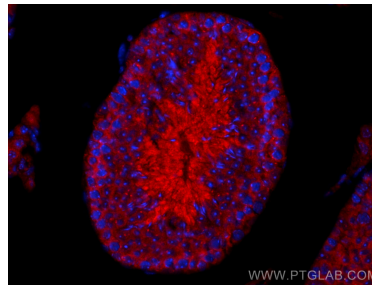
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W: ptglab.com

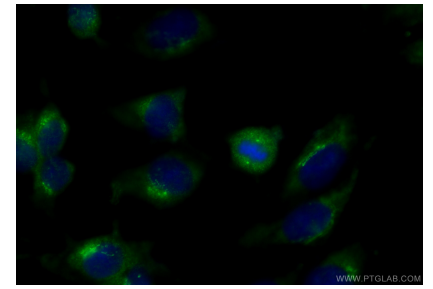
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Selected Validation Data

Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 31759-1-AP (MEIKIN antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31759-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse testis tissue using MEIKIN antibody (31759-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31759-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed MDCK cells using MEIKIN antibody (31759-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 31759-1-PBS in a different storage buffer formulation.