

For Research Use Only

GAS2L1 Monoclonal antibody, PBS Only



Catalog Number: 68051-1-PBS

Basic Information

Catalog Number: 68051-1-PBS	GenBank Accession Number: BC011047	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10634	CloneNo.: 2C6D5
Source: Mouse	UNIPROT ID: Q99501	
Isotype: IgG1	Full Name: growth arrest-specific 2 like 1	
Immunogen Catalog Number: AG31232	Calculated MW: 73 kDa	
	Observed MW: 73 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, Mouse

Background Information

GAS2L1(growth arrest-specific 2-like 1) is a component of the cytoskeleton that mediates the interaction between microtubules and microfilament (PMID: 3455082). GAS2L1 contains an N-terminal actin-binding calponin homology (CH) domain, a MT lattice-binding Gas2-related (GAR) domain and a C-terminal SxIP motif, which mediates the interaction with MT plus ends via EB proteins. GAS2L1 regulates microtubule dynamics and stability by interacting with microtubule plus-end tracking proteins, such as MAPRE1, to regulate microtubule growth along actin stress fibers (PubMed:24706950).

Storage

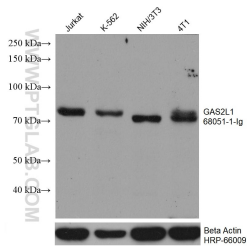
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

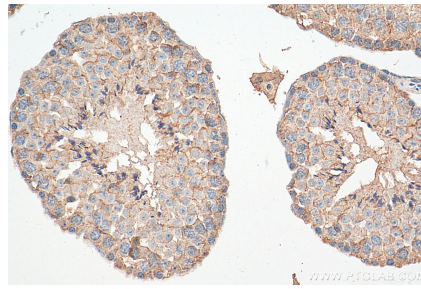
For technical support and original validation data for this product please contact:
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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 68051-1-Ig (GAS2L1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 68051-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 68051-1-Ig (GAS2L1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68051-1-PBS in a different storage buffer formulation.