

ART1 Monoclonal antibody

 Catalog Number: **66958-1-Ig** **1 Publications**

Basic Information

Catalog Number: 66958-1-Ig	GenBank Accession Number: NM_004314	Purification Method: Protein A purification
Size: 1800 µg/ml	GeneID (NCBI): 417	CloneNo.: 1D10A8
Source: Mouse	UNIPROT ID: P52961	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:1500-1:6000
Isotype: IgG1	Full Name: ADP-ribosyltransferase 1	
Immunogen Catalog Number: AG28269	Calculated MW: 36 kDa	
	Observed MW: 34-36 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : EC109 cells, HeLa cells, HEK-293 cells, HepG2 cells
Species Specificity: Human	IHC : human kidney tissue,
Cited Species: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

ART1 (ADP-ribosyltransferase 1) is an important mono-ADP-ribose transferase which can catalyze the mono-ADP-ribosylation of proteins including human neutrophil peptide-1 (HNP-1), fibroblast growth factor-2 (FGF-2) and platelet-derived growth factor-BB (PDGF-BB), and play a role in biological processes such as proliferation and invasion of cancer cells.

Notable Publications

Author	Pubmed ID	Journal	Application
Shuxian Zhang	34357465	Med Oncol	WB

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

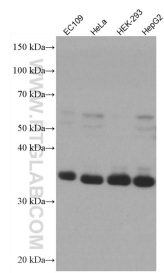
For technical support and original validation data for this product please contact:

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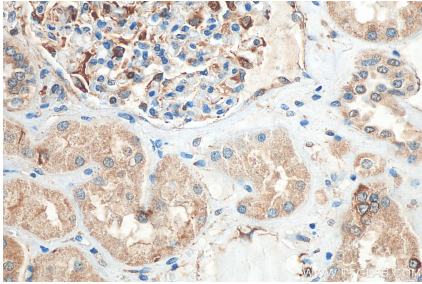
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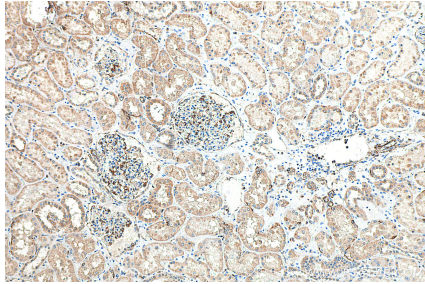
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66958-1-Ig (ART1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66958-1-Ig (ART1 antibody) at dilution of 1:3000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66958-1-Ig (ART1 antibody) at dilution of 1:3000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).