

For Research Use Only

MAZ Recombinant antibody, PBS Only

Catalog Number: 82852-3-PBS



Basic Information

Catalog Number: 82852-3-PBS	GenBank Accession Number: BC041629	Purification Method: Protein A purification
Concentration: 1mg/ml	GeneID (NCBI): 4150	CloneNo.: 1D5
Source: Rabbit	UNIPROT ID: P56270	
Isotype: IgG	Full Name: MYC-associated zinc finger protein (purine-binding transcription factor)	
Immunogen Catalog Number: AG15200	Calculated MW: 477 aa, 49 kDa	
	Observed MW: 49-51 kDa	

Applications

Tested Applications:
IHC, IF/ICC, ELISA

Species Specificity:
human

Background Information

Myc-associated zinc-finger protein (MAZ) is a transcription factor with dual roles in transcription initiation and termination. MAZ can activate the expression of a variety of genes such as the c-Myc, insulin, VEGF, and RAS gene family and the serotonin 1A receptor. MAZ plays a critical role in the progression of various cancers including breast, prostate, liver, and so on. Deregulation of MAZ expression is associated with the progression of pancreatic ductal adenocarcinoma (PDAC)(PMID: 29414775).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

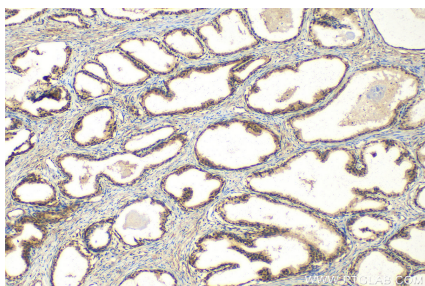
T: 4006900926

E: Proteintech-CN@ptglab.com

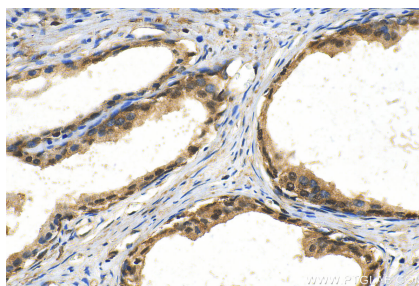
W: ptgcn.com

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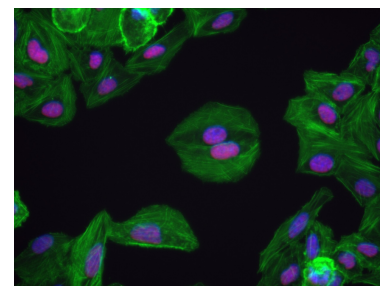
Selected Validation Data



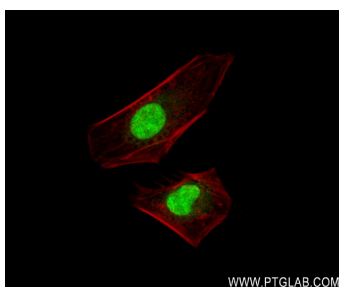
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 82852-3-RR (MAZ antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82852-3-PBS in a different storage buffer formulation.



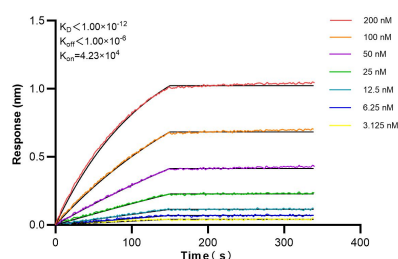
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 82852-3-RR (MAZ antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82852-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MAZ antibody (82852-3-RR, Clone: 1D5) at dilution of 1:950 and Multi-rAb Coralite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004). This data was developed using the same antibody clone with 82852-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MAZ antibody (82852-3-RR, Clone: 1D5) at dilution of 1:1000 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 82852-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82852-3-RR against Human MAZ were performed. The affinity constant is below 1 pM.