

For Research Use Only

# MAZ Recombinant antibody

Catalog Number: 82852-3-RR



## Basic Information

|                                             |                                                                                                  |                                                                    |
|---------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>Catalog Number:</b><br>82852-3-RR        | <b>GenBank Accession Number:</b><br>BC041629                                                     | <b>Purification Method:</b><br>Protein A purification              |
| <b>Size:</b><br>1000 µg/ml                  | <b>GeneID (NCBI):</b><br>4150                                                                    | <b>CloneNo.:</b><br>1D5                                            |
| <b>Source:</b><br>Rabbit                    | <b>UNIPROT ID:</b><br>P56270                                                                     | <b>Recommended Dilutions:</b><br>IHC 1:50-1:500<br>IF 1:500-1:2000 |
| <b>Isotype:</b><br>IgG                      | <b>Full Name:</b><br>MYC-associated zinc finger protein<br>(purine-binding transcription factor) |                                                                    |
| <b>Immunogen Catalog Number:</b><br>AG15200 | <b>Calculated MW:</b><br>477 aa, 49 kDa                                                          |                                                                    |
|                                             | <b>Observed MW:</b><br>49-51 kDa                                                                 |                                                                    |

## Applications

|                                                                                                                                                      |                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Tested Applications:</b><br>IF/ICC, IHC, ELISA                                                                                                    | <b>Positive Controls:</b><br>IHC : human prostate cancer tissue,<br>IF : U2OS cells, |
| <b>Species Specificity:</b><br>Human                                                                                                                 |                                                                                      |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |                                                                                      |

## 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 -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:

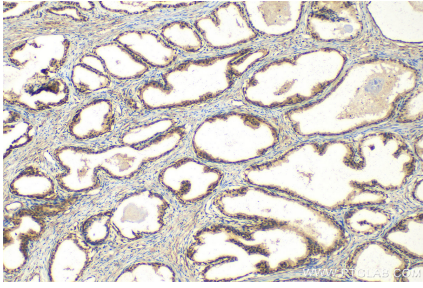
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

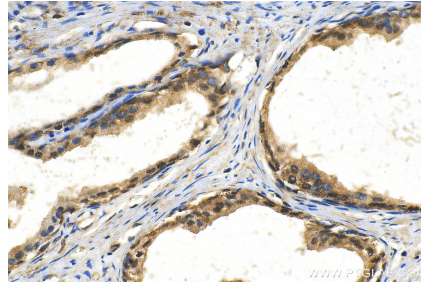
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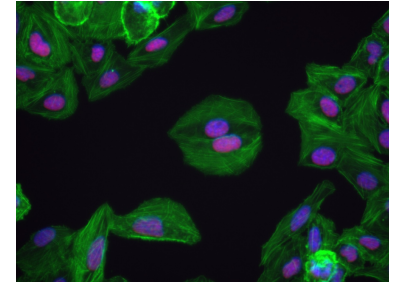
## Selected Validation Data



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).



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).



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).