

For Research Use Only

TGM2 Recombinant antibody

Catalog Number: 82552-4-RR



Basic Information

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| Catalog Number: 82552-4-RR | GenBank Accession Number: BC003551 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 7052 | CloneNo.: 242828D3 |
| Source: Rabbit | ENSEMBL Gene ID: ENSG00000198959 | Recommended Dilutions: WB 1:5000-1:50000 IHC 1:200-1:800 |
| Isotype: IgG | UNIPROT ID: P21980 | |
| Immunogen Catalog Number: AG7439 | Full Name: transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase) | |
| | Calculated MW: 77 kDa | |
| | Observed MW: 77-80 kDa | |

Applications

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| Tested Applications: WB, IHC, ELISA | Positive Controls: |
| Species Specificity: human | WB : HeLa cells, A549 cells, U2OS cells |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | IHC : human stomach cancer tissue, |

Storage

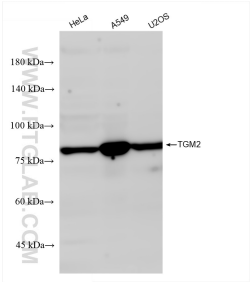
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| Storage: Store at -20°C. Stable for one year after shipment. |
| Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. |
| Aliquoting is unnecessary for -20°C storage |

*** 20ul sizes contain 0.1% BSA

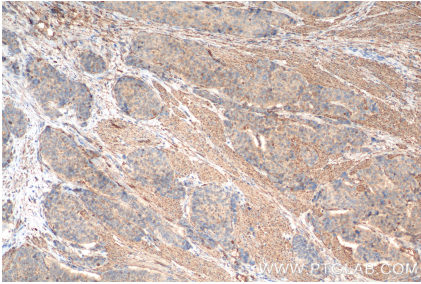
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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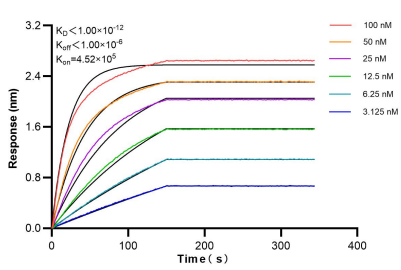
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82552-4-RR (TGM2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 82552-4-RR (TGM2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 82552-4-RR against Human TGM2 were performed. The affinity constant is below 1 pM.