

For Research Use Only

# MANEA Polyclonal antibody

Catalog Number: 21296-1-AP



## Basic Information

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| <b>Catalog Number:</b><br>21296-1-AP   | <b>GenBank Accession Number:</b><br>BC146671 | <b>Purification Method:</b><br>Antigen affinity purification                             |
| <b>Size:</b><br>150ul , Concentration: 400 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>79694               | <b>Recommended Dilutions:</b><br>WB 1:200-1:1000<br>IHC 1:50-1:500<br>IF/ICC 1:200-1:800 |
| <b>Source:</b><br>Rabbit   | <b>UNIPROT ID:</b><br>Q5SRI9                 |  |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>mannosidase, endo-alpha |  |
| <b>Immunogen Catalog Number:</b><br>AG15847  | <b>Calculated MW:</b><br>462 aa, 54 kDa      |  |
|  | <b>Observed MW:</b><br>54 kDa                |  |

## Applications

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|--|--|
| <b>Tested Applications:</b><br>WB, IHC, IF/ICC, ELISA  | <b>Positive Controls:</b>                      |
| <b>Species Specificity:</b><br>human, mouse  | <b>WB :</b> HEK-293 cells, mouse kidney tissue |
| <b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*)</b> Alternatively, antigen retrieval may be performed with <b>citrate buffer pH 6.0</b> | <b>IHC :</b> human breast cancer tissue,       |
|  | <b>IF/ICC :</b> HEK-293 cells,                 |

## Storage

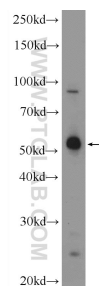
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

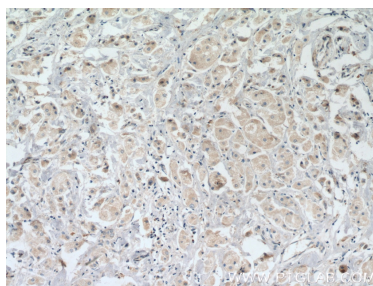
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

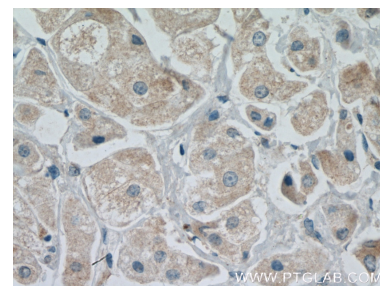
## Selected Validation Data



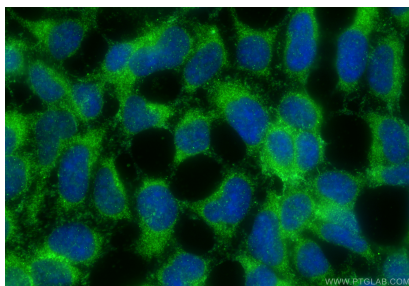
HEK-293 cells were subjected to SDS PAGE followed by western blot with 21296-1-AP (MANEA Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 21296-1-AP (MANEA Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 21296-1-AP (MANEA Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using MANEA antibody (21296-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).