

For Research Use Only

# MAGEA4 Polyclonal antibody

Catalog Number: 12508-1-AP



## Basic Information

<b>Catalog Number:</b> 12508-1-AP	<b>GenBank Accession Number:</b> BC017723	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4103	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> melanoma antigen family A, 4	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 317 aa, 35 kDa	
<b>Immunogen Catalog Number:</b> AG3193	<b>Observed MW:</b> 45 kDa	

## Applications

<b>Tested Applications:</b> FC, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> A431 cells, U2OS cells
<b>Note-IHC:</b> <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	<b>IHC :</b> human breast cancer tissue,

## Background Information

### 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

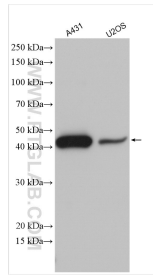
For technical support and original validation data for this product please contact:

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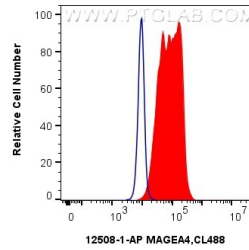
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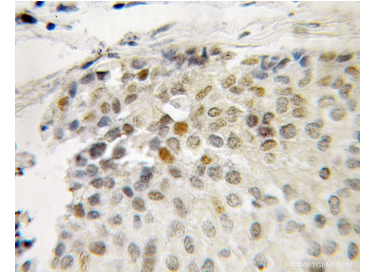
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12508-1-AP (MAGEA4 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  A431 cells were intracellularly stained with 0.4  $\mu$ g Anti-Human MAGEA4 (12508-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4  $\mu$ g Rabbit IgG control Rabbit PolyAb (30000-O-AP, Clone: ) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 12508-1-AP (MAGEA4 antibody) at dilution of 1:50 (under 10x lens).