

For Research Use Only

# MAGEA1 Polyclonal antibody

Catalog Number: 55105-1-AP



## Basic Information

### Catalog Number:

55105-1-AP

### Size:

150ul, Concentration: 160 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_004988

### GeneID (NCBI):

4100

### UNIPROT ID:

P43355

### Full Name:

melanoma antigen family A, 1  
(directs expression of antigen MZ2-E)

### Calculated MW:

34 kDa

### Observed MW:

46 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Species Specificity:

human

### Positive Controls:

WB : A375 cells, MCF-7 cells

IF/ICC : A375 cells,

## Background Information

MAGEA1, also named as CT1.1, MZ2-E, MAGE1 and MAGE1A, is the first gene reported to encode a CTL-defined human tumor antigen. It may play a role in embryonal development and tumor transformation or aspects of tumor progression. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes. MAGEA1 provided direct evidence for the power of the cDNA expression library as an effective strategy to identify genes encoding tumor antigens recognized by HLA-restricted T cells.(PMID:16951217) The antibody is specific to MAGEA1.

## Storage

### Storage:

Store at -20°C.

### 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

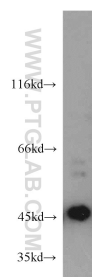
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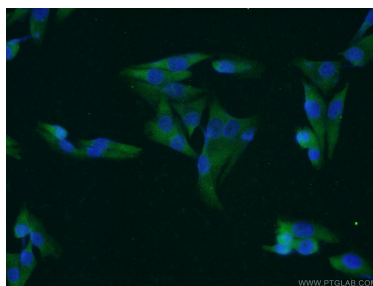
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## Selected Validation Data



A375 cells were subjected to SDS PAGE followed by western blot with 55105-1-AP (MAGEA1 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of A375 cells using 55105-1-AP (MAGEA1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).