

For Research Use Only

MAGEA1 Polyclonal ANTIBODY

Catalog Number: 55105-1-AP



Basic Information

Catalog Number:

55105-1-AP

Size:

150UL, Concentration: 133 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_004988

GeneID (NCBI):

4100

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 1:20-1:200

Applications

Tested Applications:

IF, WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A375 cells, MCF-7 cells

IF : 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

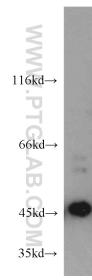
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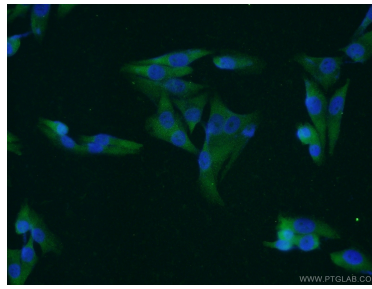
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W: ptglab.com

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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 AffiniPure Goat Anti-Rabbit IgG(H+L).