

For Research Use Only

MAGEA1 Polyclonal antibody

Catalog Number: 55105-1-AP



Basic Information

Catalog Number:

55105-1-AP

Size:

160 µg/ml

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 1:20-1:200

Applications

Tested Applications:

IF/ICC, 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

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

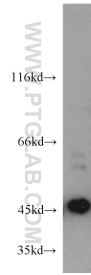
T: 4006900926

E: Proteintech-CN@ptglab.com

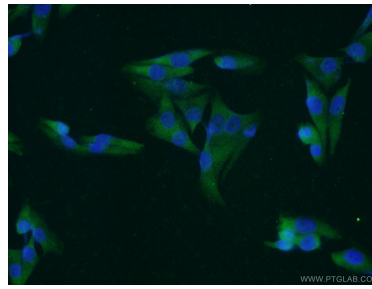
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).