

For Research Use Only

MAGEA1 Polyclonal antibody

Catalog Number: 55105-1-AP



Basic Information

Catalog Number: 55105-1-AP	GenBank Accession Number: NM_004988	Purification Method: Antigen affinity purification
Size: 160 µg/ml	GeneID (NCBI): 4100	Recommended Dilutions: WB 1:500-1:1000 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: P43355	
Isotype: IgG	Full Name: melanoma antigen family A, 1 (directs expression of antigen MZ2-E)	
	Calculated MW: 34 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: human	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:

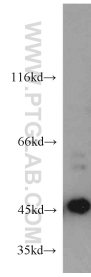
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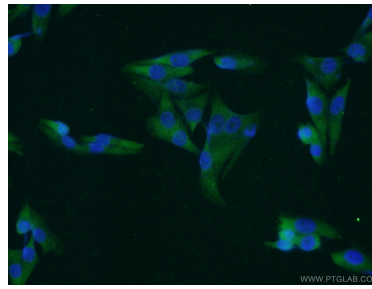
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Selected Validation Data



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