

**Anti-MAGEA1 Antibody**  
Rabbit polyclonal antibody to MAGEA1  
Catalog # AP59617

**Specification**

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**Anti-MAGEA1 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P43355</a>
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34342

**Anti-MAGEA1 Antibody - Additional Information**

**Gene ID** 4100

**Other Names**

MAGE1; MAGE1A; Melanoma-associated antigen 1; Antigen MZ2-E; Cancer/testis antigen 1.1; CT1.1; MAGE-1 antigen

**Target/Specificity**

Recognizes endogenous levels of MAGEA1 protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-MAGEA1 Antibody - Protein Information**

**Name** MAGEA1

**Synonyms** MAGE1, MAGE1A

**Function**

May be involved in transcriptional regulation through interaction with SNW1 and recruiting histone deactelyase HDAC1. May inhibit notch intracellular domain (NICD) transactivation. 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.

**Cellular Location**

Cytoplasm. Nucleus.

### Tissue Location

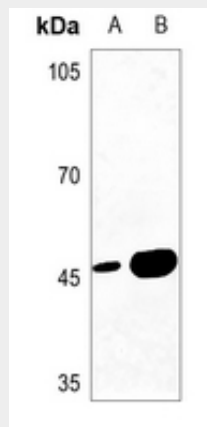
Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes. Never expressed in kidney tumors, leukemias and lymphomas

### Anti-MAGEA1 Antibody - Protocols

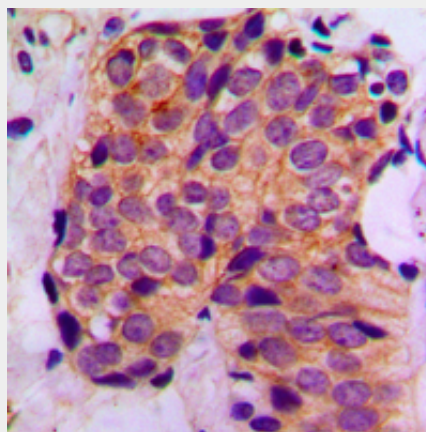
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-MAGEA1 Antibody - Images



Western blot analysis of MAGEA1 expression in U2OS (A), A375 (B) whole cell lysates.



Immunohistochemical analysis of MAGEA1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as

the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### **Anti-MAGEA1 Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MAGEA1. The exact sequence is proprietary.