

**MAGEA9 Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP6170a****Specification**

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**MAGEA9 Antibody (Center) - Product Information**

Application	<b>WB, IHC-P,E</b>
Primary Accession	<a href="#">P43362</a>
Other Accession	<a href="#">NP_005356</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Antigen Region	<b>171-198</b>

**MAGEA9 Antibody (Center) - Additional Information****Gene ID** 4108;728269**Other Names**

Melanoma-associated antigen 9, Cancer/testis antigen 19, CT19, MAGE-9 antigen, MAGEA9, MAGE9, MAGEA9A

**Target/Specificity**

This MAGEA9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 171-198 amino acids from the Central region of human MAGEA9.

**Dilution**WB~~1:1000  
IHC-P~~1:50~100**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MAGEA9 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**MAGEA9 Antibody (Center) - Protein Information****Name** MAGEA9**Synonyms** MAGE9, MAGEA9A

**Function** Not known, though may play a role in embryonal development and tumor transformation or aspects of tumor progression.

**Tissue Location**

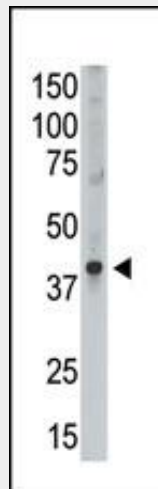
Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes and placenta

**MAGEA9 Antibody (Center) - Protocols**

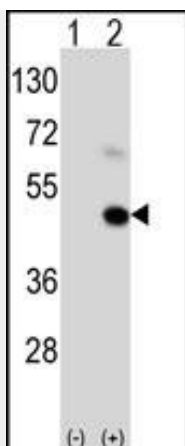
Provided below are standard protocols that you may find useful for product applications.

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

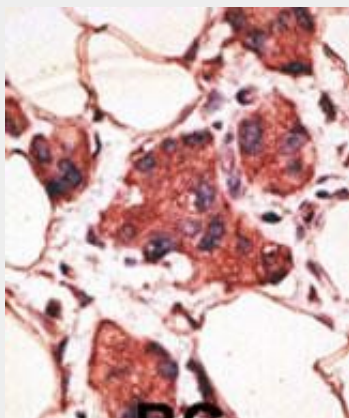
**MAGEA9 Antibody (Center) - Images**



The anti-MAGEA9 Ctr Antibody (Cat.#AP6170a) is used in Western blot to detect MAGEA9 in Placenta lysate.



Western blot analysis of MAGEA9 (arrow) using rabbit polyclonal MAGEA9 Antibody (C185) (Cat.#AP6170a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MAGEA9 gene.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

#### **MAGEA9 Antibody (Center) - Background**

MAGEA9 is a member of the MAGEA gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 80% sequence identity between each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are expressed at a high level in a number of tumors of various histologic types, and are silent in normal tissues with the exception of testis and placenta. The MAGEA genes are clustered on chromosome Xq28. They may be implicated in some hereditary disorders, such as dyskeratosis congenita.

#### **MAGEA9 Antibody (Center) - References**

Rogner, U.C., et al., Genomics 29(3):725-731 (1995).  
De Plaen, E., et al., Immunogenetics 40(5):360-369 (1994).

#### **MAGEA9 Antibody (Center) - Citations**

- [Prognostic value of MAGE-A9 expression in patients with colorectal cancer.](#)
- [High expression of MAGE-A9 in tumor and stromal cells of non-small cell lung cancer was correlated with patient poor survival.](#)
- [Expression and prognostic value of MAGE-A9 in laryngeal squamous cell carcinoma.](#)

