

# MAGEA1 rabbit monoclonal antibody

Catalog # H00004100-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human MAGEA1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human MAGEA1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human MAGEA1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — MAGEA1

Entrez GeneID	<a href="#">4100</a>
GeneBank Accession#	<a href="#">MAGEA1</a>
Gene Name	MAGEA1
Gene Alias	MAGE1, MGC9326
Gene Description	melanoma antigen family A, 1 (directs expression of antigen MZ2-E)
Omim ID	<a href="#">300016</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to 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 clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. [provided by RefSeq]
Other Designations	OTTHUMP00000025911 melanoma antigen MAGE-1 melanoma antigen family A 1 melanoma antigen family A, 1 melanoma-associated antigen 1 melanoma-associated antigen MZ2-E