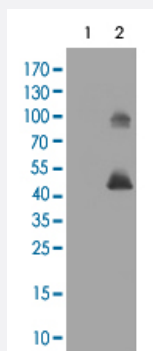


# MAGEA3 monoclonal antibody, clone 4E2

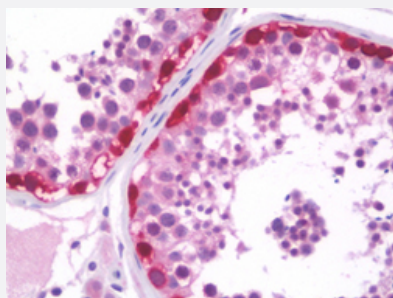
Catalog # MAB16372      Size 50 uL

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of HEK293T cells (Lane 1: transfected with pCMV6-ENTRY control and Lane 2: transfected with pCMV6-ENTRY MAGEA3 cDNA) with MAGEA3 monoclonal antibody, clone 4E2 (Cat # MAB16372).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis with MAGEA3 monoclonal antibody, clone 4E2 (Cat # MAB16372).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against full length recombinant human MAGEA3.
<b>Immunogen</b>	Recombinant protein corresponding to full length human MAGEA3 from HEK293T cell.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification

Isotype	IgG2a
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) Western Blot (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.3 (50% glycerol, 1% BSA, 0.02% sodium azide).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of HEK293T cells (Lane 1: transfected with pCMV6-ENTRY control and Lane 2: transfected with pCMV6-ENTRY MAGEA3 cDNA) with MAGEA3 monoclonal antibody, clone 4E2 (Cat # MAB16372).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis with MAGEA3 monoclonal antibody, clone 4E2 (Cat # MAB16372).

## Gene Info — MAGEA3

Entrez GeneID	<a href="#">4102</a>
Protein Accession#	<a href="#">P43357</a>
Gene Name	MAGEA3
Gene Alias	HIP8, HYPD, MAGE3, MAGEA6, MGC14613
Gene Description	melanoma antigen family A, 3
Omim ID	<a href="#">300174</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**

MAGE-3 antigen|OTTHUMP00000024220|antigen MZ2-D|melanoma-associated antigen 3