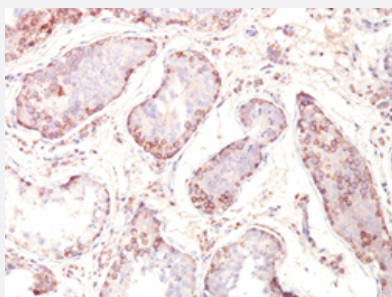


# MAGEA1 monoclonal antibody, clone MZ2E/838

Catalog # MAB13339      Size 100 ug

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testicle tumor with MAGEA1 monoclonal antibody, clone MZ2E/838 (Cat # MAB13339).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against full length recombinant human MAGEA1.
<b>Immunogen</b>	Recombinant protein corresponding to full length human MAGEA1.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	42-46
<b>Reactivity</b>	Human
<b>Specificity</b>	This monoclonal antibody does not cross-react with other members of MAGE family.
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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

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- Immunofluorescence

- Flow Cytometry

## Gene Info — MAGEA1

Entrez GeneID	<a href="#">4100</a>
Protein Accession#	<a href="#">P43355</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