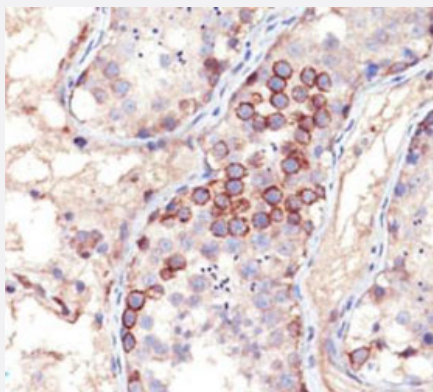


MAGEA1 monoclonal antibody, clone MA454

Catalog # MAB11321 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) analysis of human testis with MAGEA1 monoclonal antibody, clone MA454 (Cat # MAB11321) at 1:200 using peroxidase-conjugate and DAB chromogen.

Specification

Product Description	Mouse monoclonal antibody raised against MAGEA1.
Immunogen	A recombinant protein fragment specific to MAGE-1.
Host	Mouse
Theoretical MW (kDa)	42-46
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/million 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)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) analysis of human testis with MAGEA1 monoclonal antibody, clone MA454 (Cat # MAB11321) at 1:200 using peroxidase-conjugate and DAB chromogen.

- Immunofluorescence

- Flow Cytometry

Gene Info — MAGEA1

Entrez GeneID	4100
Gene Name	MAGEA1
Gene Alias	MAGE1, MGC9326
Gene Description	melanoma antigen family A, 1 (directs expression of antigen MZ2-E)
Omim ID	300016
Gene Ontology	Hyperlink
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

Publication Reference

- [The expression of the cancer testis antigen MAGE A4: A favorable prognostic biomarker in salivary gland carcinomas related to low tumor grading.](#)

Vital D, Ikenberg K, Moch H, Roessle M, Huber GF.

Laryngoscope Investigative Otolaryngology 2018 Apr; 3(3):182.

Application: IHC-P, Human, Human salivary gland carcinomas