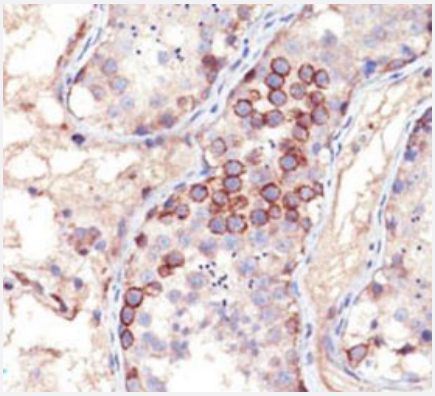
MAGEA1 monoclonal antibody, clone MA454

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 shoul d 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 w ith 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA gene s show considerable variability, suggesting that the existence of this gene family enables the sam e function to be expressed under different transcriptional controls. The MAGEA genes are cluster ed 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 a ntigen 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