

Product datasheet

Anti-MAGEA1 antibody [MA454] - BSA and Azide free ab212590

1 Image

Overview

Product name	Anti-MAGEA1 antibody [MA454] - BSA and Azide free
Description	Mouse monoclonal [MA454] to MAGEA1 - BSA and Azide free
Host species	Mouse
Tested applications	Suitable for: Flow Cyt, ICC/IF, IHC-P
Species reactivity	Reacts with: Rat, Dog, Human
Immunogen	Recombinant full length protein corresponding to Human MAGEA1 aa 1-309. Sequence:

```
MSLEQRSLHCKPEEALAQQEALGLVCVQAATSSSS
PLVLGTLEEVPTAG
STDPPQSPQGASAFPTTINFTRQRQPSEGSSSREEEG
PSTSCILESLFRA
VITKKVADLVGFLLLKYRAREPVTKAEMLESVIKNYKHC
FPEIFGKASES
LQLVFGIDVKEADPTGHSYVLVTCLGLSYDGLLDGNQI
MPKTGFLIVLV
MIAMEGGHAPEEEWEELSVMEVYDGREHSAYGEPK
LLTQDLVQEKYLE
YRQVPDSDPARYEFLWGPRALAETSWKVLEWIKVS
ARVRRFFPSLREA ALREEEEGV
```

Database link: [P43355](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control Human testis tissue; Melanoma cell lines.

General notes This product was previously labelled as MAGE 1

Properties

Form Liquid

Storage instructions Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer	Constituent: 100% PBS
Purity	Protein A/G purified
Purification notes	ab212590 is purified from Bioreactor Concentrate by Protein A/G.
Clonality	Monoclonal
Clone number	MA454
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab212590** in the following tested applications.

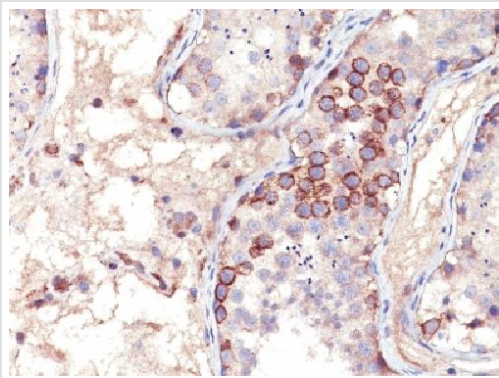
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.5-1µg for 10 ⁶ cells. in 0.1ml volume
ICC/IF		Use a concentration of 1 - 2 µg/ml.
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. for 30 minutes at RT

Target

Function	May be involved in transcriptional regulation through interaction with SNW1 and recruiting histone deactelyase HDAC1. May inhibit notch intracellular domain (NICD) transactivation. May play a role in embryonal development and tumor transformation or aspects of tumor progression. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes.
Tissue specificity	Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes. Never expressed in kidney tumors, leukemias and lymphomas.
Sequence similarities	Contains 1 MAGE domain.
Cellular localization	Cytoplasm. Nucleus.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human testis tissue labeling MAGEA1 with ab212590 at 1 ug/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAGEA1 antibody [MA454] - BSA and Azide free (ab212590)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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