# Anti-MAGEA4 antibody [OTI1F9] ab139297

## Overview

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>Anti-MAGEA4 antibody [OTI1F9]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Mouse monoclonal [OTI1F9] to MAGEA4</td>
</tr>
<tr>
<td><strong>Host species</strong></td>
<td>Mouse</td>
</tr>
<tr>
<td><strong>Tested applications</strong></td>
<td>Suitable for: WB, IHC-P</td>
</tr>
<tr>
<td><strong>Species reactivity</strong></td>
<td>Reacts with: Human</td>
</tr>
<tr>
<td><strong>Immunogen</strong></td>
<td>Recombinant full length protein corresponding to Human MAGEA4 aa 1-317. Produced in HEK-293T cells (NP_001011550). Sequence:</td>
</tr>
</tbody>
</table>

MSSEQKSQHCKPEEGVEAQEEALGLVGAQAPTTEEQ
EAASVSPLVPGT
LEEVPAAESAGPPQSPQASALPTTISFTCWRQPNAG
SSQEEEGPSTSP
DAESLFREALSNKVDLAHFLLRKYRAKELVTAEML
ERVKNYRCPFPV
IFGKASESLKMIFGIDVKEVDPASNTYLTVCLGLSYDG
LLGNNFQPKT
GLLMIVGTAMEGDSASEDEEELGVMGVDGREHTV
YCEPRKLLTQD
WVQENLEYRQVPSNPARYEFLWGPRLAETSYYK
VLEHVVNVARVRIAYPSLRERAILLFEQEVEV

Database link: [P43358](#)

<table>
<thead>
<tr>
<th><strong>Positive control</strong></th>
<th>IHC-P: Human bladder carcinoma tissue. WB: HEK-293T cell lysate transfected with pCMV6-ENTRY MAGEA4 cDNA.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General notes</strong></td>
<td>Clone OTI1F9 (formerly 1F9).</td>
</tr>
</tbody>
</table>

## Properties

<table>
<thead>
<tr>
<th><strong>Form</strong></th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Storage instructions</strong></td>
<td>Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.</td>
</tr>
</tbody>
</table>
Storage buffer:
- pH: 7.30
- Preservative: 0.02% Sodium azide
- Constituents: PBS, 50% Glycerol, 1% BSA

Purity: Affinity purified

Purification notes: Purified from cell culture supernatant.

Clonality: Monoclonal

Clone number: OTI1F9

Isotype: IgG2a

Applications:

Our Abpromise guarantee covers the use of ab139297 in the following tested applications.

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

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>WB</td>
<td>1/4000</td>
<td>Predicted molecular weight: 35 kDa.</td>
</tr>
<tr>
<td>IHC-P</td>
<td>1/150</td>
<td></td>
</tr>
</tbody>
</table>

Target:

Function: Not known, though may play a role in embryonal development and tumor transformation or aspects of tumor progression.

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 and placenta.

Sequence similarities: Contains 1 MAGE domain.

Images:

All lanes: Anti-MAGEA4 antibody [OTI1F9] (ab139297) at 1/4000 dilution

Lane 1: HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate transfected with pCMV6-ENTRY control

Lane 2: HEK-293T cell lysate transfected with pCMV6-ENTRY MAGEA4 cDNA

Lysates/proteins at 5 µg per lane.

Predicted band size: 35 kDa
Paraffin-embedded human bladder carcinoma tissue stained for MAGEA4 using ab139297 at 1/150 dilution in immunohistochemical analysis.

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

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