Product datasheet

Anti-TCR alpha antibody ab167645

Overview

Product name: Anti-TCR alpha antibody
Description: Mouse polyclonal to TCR alpha
Host species: Mouse
Tested applications: Suitable for: WB
Species reactivity: Reacts with: Human
Immunogen: Full length protein, corresponding to amino acids 1-278 of Human TCR alpha (AAH71758.1).
Positive control: TCR alpha transfected 293T cell lysate.

Properties

Form: Liquid
Storage buffer: pH: 7.20
Constituent: 100% PBS
Purity: Protein A purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab167645 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 1 µg/ml. Predicted molecular weight: 31 kDa.</td>
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Target
**Relevance**
TCR (T cell antigen receptor) recognizes foreign antigens and translates such recognition events into intracellular signals that elicit a change in the cell from a dormant to an activated state. TCR is a heterodimer composed of either alpha and beta or gamma and delta chains. CD3 chains and the CD4 or CD8 coreceptors are also required for efficient signal transduction through the TCR.

**Cellular localization**
Plasma membrane

**Images**

![Western blot - Anti-TCR alpha antibody (ab167645)](image)

**All lanes**: Anti-TCR alpha antibody (ab167645) at 1 µg/ml

**Lane 1**: TCR alpha transfected 293T cell lysate

**Lane 2**: Non-transfected 293T cell lysate

Lysates/proteins at 15 µl per lane.

**Secondary**

**All lanes**: Goat Anti-Mouse IgG HRP antibody at 1/2500 dilution

**Predicted band size**: 31 kDa

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

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