**Product datasheet**

**Anti-TNF Receptor II antibody ab15563**

- **Product name**: Anti-TNF Receptor II antibody
- **Description**: Rabbit polyclonal to TNF Receptor II
- **Host species**: Rabbit
- **Tested applications**: Suitable for: WB, IP, IHC-P
- **Species reactivity**: Reacts with: Dog, Human
  - **Predicted to work with**: Mouse, Rat
- **Immunogen**: Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) (Mouse) (C terminal).
- **Positive control**: Thymus

**Properties**

- **Form**: Liquid
- **Storage instructions**: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
- **Storage buffer**: Preservative: 0.1% Sodium Azide
  - Constituents: 1% BSA, 10mM PBS, pH 7.4
- **Purity**: Immunogen affinity purified
- **Clonality**: Polyclonal
- **Isotype**: IgG

**Applications**

Our Abpromise guarantee covers the use of ab15563 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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</thead>
<tbody>
<tr>
<td>WB</td>
<td>★★★★★</td>
<td>Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 55 kDa.</td>
</tr>
<tr>
<td>IP</td>
<td>★★★</td>
<td>Use a concentration of 2 µg/ml.</td>
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</tbody>
</table>
Function

Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity.

Sequence similarities

Contains 4 TNFR-Cys repeats.

Post-translational modifications

Phosphorylated; mainly on serine residues and with a very low level on threonine residues. A soluble form (tumor necrosis factor binding protein 2) is produced from the membrane form by proteolytic processing.

Cellular localization

Secreted and Cell membrane.

Images

ab15563 staining TNF Receptor II at 1/50 dilution in thymus by Immunohistochemistry (FFPE-sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TNF Receptor II antibody (ab15563)
Anti-TNF Receptor II antibody (ab15563) at 1/1000 dilution + whole cell lysate prepared from human platelets (treated with ADP for 30 minutes) at 20 µg

**Secondary**

HRP conjugated goat anti-rabbit polyclonal at 1/10000 dilution

Developed using the ECL technique.

**Predicted band size:** 55 kDa

**Exposure time:** 2 minutes

Blocked with 5% milk for 1 hour at 22°C.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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