Product Datasheet

TRF-2 Antibody

NB100-56694

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Publications: 11

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Updated 3/11/2019 v.20.1

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## Product Information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Size</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>Concentration</td>
<td>1.0 mg/ml</td>
</tr>
<tr>
<td>Storage</td>
<td>Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Preservative</td>
<td>0.05% Sodium Azide</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG</td>
</tr>
<tr>
<td>Purity</td>
<td>Protein G purified</td>
</tr>
<tr>
<td>Buffer</td>
<td>PBS</td>
</tr>
</tbody>
</table>

## Product Description

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host</td>
<td>Goat</td>
</tr>
<tr>
<td>Gene ID</td>
<td>7014</td>
</tr>
<tr>
<td>Gene Symbol</td>
<td>TERF2</td>
</tr>
<tr>
<td>Species</td>
<td>Human</td>
</tr>
<tr>
<td>Reactivity Notes</td>
<td>The amino acid sequence used as immunogen is 86% homologous in mouse.</td>
</tr>
<tr>
<td>Marker</td>
<td>Telomeres marker</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Baculovirus expressed His-tagged whole length TRF-2 protein was used for immunizing goat (NP_005643).</td>
</tr>
</tbody>
</table>

## Product Application Details

### Applications
- Western Blot, Chromatin Immunoprecipitation, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation

### Recommended Dilutions
- Western Blot 2 ug/ml, Chromatin Immunoprecipitation 1:20-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunoprecipitation 2 ug/ 10^6 cells, Immunohistochemistry-Paraffin 15 ug/ml
Immunoprecipitation: TRF-2 Antibody [NB100-56694] - Analysis of TRF-2 in HL60 cells. Lane 1. IP (mouse anti-TRF2). Lane 2. IP with control mouse IgG. Lane 3 IP with goat anti-TRF2. Lane 4. IP with pre-immune goat Ig. Lanes 1-4. WB. TRF2 is detected as a ~ 66 kD protein.

Publications


Gilbert-Girard S, Gravel A, Collin V, Wight DJ. Modulation and recruitment of TRF2 at viral telomeres during human herpesvirus 6A/B infection bioRxiv Jul 11 1905 12:00AM (Flow, Human)


Details:
HeLa, Fig 1E


Details:
IF (human mesenchymal stem cells), Fig. 5A.


Details:
Antibodies cited: TRF2 mAb (IMG-124a) and TRF2 pAb (IMG-148a) for ChIP, IF and WB. Cell lines utilized: acute lymphoblastic leukemia (ALL) RS4;11 and ALL-PO cell lines, and the monoblastic, pre-B, and T-lineage leukemia cell lines U937, Nalm6, and Jurkat,


Details:
TRF-2 (IMG-148A). WB: EBV-positive and EBV-negative human lymphoma cells, Fig 5.
Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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