Product Datasheet

Endothelin-1 Antibody (TR.ET.48.5)
NB300-526

Unit Size: 100 uL
Store at -20C. Avoid freeze-thaw cycles.

Reviews: 1  Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB300-526

Updated 5/6/2020 v.20.1
**Product Information**

<table>
<thead>
<tr>
<th><strong>Unit Size</strong></th>
<th>100 uL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Concentration</strong></td>
<td>2.5 mg/ml</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Store at -20C. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td><strong>Clonality</strong></td>
<td>Monoclonal</td>
</tr>
<tr>
<td><strong>Clone</strong></td>
<td>TR.ET.48.5</td>
</tr>
<tr>
<td><strong>Preservative</strong></td>
<td>0.05% Sodium Azide</td>
</tr>
<tr>
<td><strong>Isotype</strong></td>
<td>IgG1</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>Immunogen affinity purified</td>
</tr>
<tr>
<td><strong>Buffer</strong></td>
<td>PBS</td>
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</tbody>
</table>

**Product Description**

- **Host**: Mouse
- **Gene ID**: 1906
- **Gene Symbol**: EDN1
- **Species**: Human, Mouse, Rat, Porcine, Canine, Rabbit, Sheep
- **Reactivity Notes**: Canine reactivity reported in scientific literature (PMID: 11673223). Rabbit reactivity reported in scientific literature (PMID: 12181591). Porcine reactivity reported in scientific literature (PMID: 21587116). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.

**Product Application Details**

- **Applications**: Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Radioimmunoassay
- **Recommended Dilutions**: Western Blot 1:100 - 1:1000, Flow Cytometry 0.5 ug, Immunohistochemistry 1:250, Immunocytochemistry/Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:250, Immunohistochemistry-Frozen 1:250, Radioimmunoassay 1:25000
- **Application Notes**: IHC: Staining of ET-1 in human corpus cavernosum tissue with this antibody results in staining of endothelial cells. Radioimmune assays can be used to concentrate ET-1 in solution (e.g. serum/plasma, milk, urine).

**Images**

Western Blot: Endothelin-1 Antibody (TR.ET.48.5) [NB300-526] - Analysis of 25 ug of PC12 cell lysates.
Immunocytochemistry/Immunofluorescence: Endothelin-1 Antibody (TR.ET.48.5) [NB300-526] - Analysis of Endothelin 1 (green) showing positive staining in the secretion of Hela cells (right) compared with a negative control in the absence of primary antibody (left).

Immunohistochemistry: Endothelin-1 Antibody (TR.ET.48.5) [NB300-526] - Immunolocalization of ET-1 in human bowel.

Flow Cytometry: Endothelin-1 Antibody (TR.ET.48.5) [NB300-526] - Analysis of Endothelin 1 in 3T3 cells compared to an isotype control (blue).

Immunocytochemistry/Immunofluorescence: Endothelin-1 Antibody (TR.ET.48.5) [NB300-526] - Analysis of Endothelin 1 (green) showing positive staining in the secretion of PC12 cells (right) compared with a negative control in the absence of primary antibody (left).
Immunocytochemistry/Immunofluorescence: Endothelin-1 Antibody (TR.ET.48.5) [NB300-526] - Analysis of Endothelin 1 (green) showing positive staining in the secretion of HUVEC cells (right) compared with a negative control in the absence of primary antibody (left).

Immunohistochemistry: Endothelin-1 Antibody (TR.ET.48.5) [NB300-526] - Immunolocalization of ET-1 in human bowel.

Flow Cytometry: Endothelin-1 Antibody (TR.ET.48.5) [NB300-526] - Analysis of Endothelin 1 in HepG2 cells compared to an isotype control (blue).

Flow Cytometry: Endothelin-1 Antibody (TR.ET.48.5) [NB300-526] - Analysis of Endothelin 1 in 293T cells compared to an isotype control (blue).
Flow Cytometry: Endothelin-1 Antibody (TR.ET.48.5) [NB300-526] - Analysis of Endothelin 1 in HepG2 cells compared to an isotype control (blue).

**Publications**


Chen I-Chen, Lin Yu-Tsai, Huang Jhy-Shrian et al. Decreased Ambient Oxygen Tension Alters the Expression of Endothelin-1, iNOS and cGMP in Rat Alveolar Macrophages. International Journal of Medical Sciences 2019 Feb 28 [PMID: 30911278] (WB, Rat)


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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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