Product Datasheet

TLR3 Antibody (40C1285.6)
NBP2-24875

Unit Size: 0.1 mg

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

Publications: 72

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Updated 2/21/2019 v.20.1

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NBP2-24875
TLR3 Antibody (40C1285.6)

Product Information

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</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>Monoclonal</td>
</tr>
<tr>
<td>Clone</td>
<td>40C1285.6</td>
</tr>
<tr>
<td>Preservative</td>
<td>0.05% Sodium Azide</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG1 Kappa</td>
</tr>
<tr>
<td>Purity</td>
<td>Protein G purified</td>
</tr>
<tr>
<td>Buffer</td>
<td>PBS</td>
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Product Description

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host</td>
<td>Mouse</td>
</tr>
<tr>
<td>Gene ID</td>
<td>7098</td>
</tr>
<tr>
<td>Gene Symbol</td>
<td>TLR3</td>
</tr>
<tr>
<td>Species</td>
<td>Human, Mouse, Canine</td>
</tr>
<tr>
<td>Immunogen</td>
<td>A synthetic peptide corresponding to amino acids 55-85 of human TLR3 was used as immunogen.</td>
</tr>
</tbody>
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Product Application Details

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>Applications</td>
<td>Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation</td>
</tr>
<tr>
<td>Recommended Dilutions</td>
<td>Western Blot 1-3 ug/ml, Flow Cytometry 2-4 ug/ 1x10^6 cells, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunoprecipitation 2 ug/ 1x10^6 cells, Immunohistochemistry-Paraffin 1:10-1:500, Flow (Intracellular)</td>
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<tr>
<td>Application Notes</td>
<td>Use in Flow-intracellular reported in scientific literature (PMID: 24836676).</td>
</tr>
</tbody>
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Images

Western Blot: TLR3 Antibody (40C1285.6) [NBP2-24875] - Analysis of TLR3 in lysates from A) untransfected 293, B) 293 cells transfected with human TLR3 cDNA, C) human intestine, D) placenta, E) heart and F) ovary using TLR3 antibody at 3 ug/ml. Goat anti-mouse HRP conjugate was used as secondary.
Immunohistochemistry-Paraffin: TLR3 Antibody (40C1285.6) [NBP2-24875] - Tissue section of mouse intestine using TLR3 antibody (clone 40C1285.6) at 1:500 dilution with HRP-DAB detection and hematoxylin counterstaining. The representative image shows a punctate staining of the ER and endosomes in a subset of cells in Peyer’s patches (organized lymphoid nodules) in the tested section.

Flow (Intracellular): TLR3 Antibody (40C1285.6) [NBP2-24875] - Analysis using the PE conjugate of NBP2-24875. Staining of TLR3 in human monocytes using 0.5 ug/10^6 cells of this antibody. Shaded histogram represents cells without antibody; green represents isotype control; red represents anti-TLR3 antibody.

Immunohistochemistry-Paraffin: TLR3 Antibody (40C1285.6) [NBP2-24875] - Analysis of TLR3 in (A) human gut lumen (longitudinal section, transverse region) using this antibody at 10 ug/ml (Data courtesy Dr. Elizabeth Furrie, University of Dundee) and mouse spleen tissue using isotype control (B) and this antibody (C) at 5 mg/ml.

Immunohistochemistry-Paraffin: TLR3 Antibody (40C1285.6) [NBP2-24875] - Mouse colon using TLR3 antibody (clone 40C1285.6) at 1:500 dilution with HRP-DAB detection and hematoxylin counterstaining. Intense signal was found in subset of cells at the bases of the crypts.
Flow Cytometry: TLR3 Antibody (40C1285.6) [NBP2-24875] - Intracellular flow analysis of TLR3 in human monocytes using 0.5 µg of the antibody. Shaded histogram represents monocytes without antibody; green represents isotype control (Novus, 20109); red represents anti-TLR3 antibody. Goat anti-mouse IgG1 PE conjugate (BD) was used as secondary.

Flow Cytometry: TLR3 Antibody (40C1285.6) [NBP2-24875] - Analysis using the FITC conjugate of NBP2-24875. Staining of TLR3 in human B cells using 1µg/10^6 cells of this antibody. Green represents isotype control; red represents anti-TLR3 antibody.
Publications


Details:
Citation using the PE form of this antibody.


Details:
This citation used the DyLight 650 version of this antibody.

Evangelista MG, Castro SB, Alves CC et al. Early IFN-gamma production together with decreased expression of TLR3 and TLR9 characterizes EAE development conditional on the presence of myelin. Autoimmunity [PMID: 26911613] (FLOW, Mouse)

Details:
Used the PE form of this antibody.

Helminen O, Huhta H, Kauppila JH et al. Localization of nucleic acid-sensing toll-like receptors in human and mouse pancreas. APMIS. Dec 28 2016 12:00AM [PMID: 28028829] (IHC, Human, Mouse)


Details:
This publication used the PE conjugated form of this antibody (Cat# NBP2-24902).

Green TL, Santos MF, Ejaeidi AA et al. Toll-like receptor (TLR) expression of immune system cells from metastatic breast cancer patients with circulating tumor cells Exp Mol Pathol (FLOW, Human)

Details:
This publication used the PE conjugated form of this antibody (Cat# NBP2-24902).


Details:
This publication used the PE conjugated form of this antibody (Cat# NBP2-24902).


Details:
This citation used the PE version of this antibody.

More publications at http://www.novusbio.com/NBP2-24875
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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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