Product Datasheet

V5 Epitope Tag Antibody
NB600-380

Unit Size: 0.1 ml
Store at 4C. Do not freeze.

Publications: 51
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Updated 7/28/2019 v.20.1

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# NB600-380

## V5 Epitope Tag Antibody

### Product Information

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<tbody>
<tr>
<td><strong>Unit Size</strong></td>
<td>0.1 ml</td>
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<tr>
<td><strong>Concentration</strong></td>
<td>1.0 mg/ml</td>
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<tr>
<td><strong>Storage</strong></td>
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<tr>
<td><strong>Clonality</strong></td>
<td>Polyclonal</td>
</tr>
<tr>
<td><strong>Preservative</strong></td>
<td>0.09% Sodium Azide</td>
</tr>
<tr>
<td><strong>Isotype</strong></td>
<td>IgG</td>
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<tr>
<td><strong>Purity</strong></td>
<td>Immunogen affinity purified</td>
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<tr>
<td><strong>Buffer</strong></td>
<td>PBS</td>
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### Product Description

#### Host
- Goat

#### Species
- Non-species specific

#### Immunogen
- Goats were immunized with V5 cleavage site (GKPIPNPLLGLDST) conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support.

### Product Application Details

#### Applications
- Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation

#### Recommended Dilutions
- Western Blot 1:1000 - 1:30000, ELISA Primary-1:1000-1:30000; Coating plates-1:100-1:500, Immunocytochemistry/Immunofluorescence 1:100-1:400, Immunoprecipitation 1 - 4ug/mg lysate

#### Application Notes
- Use in immunoprecipitation reported in scientific literature (PMID 25767115)
Western Blot: V5 Epitope Tag Antibody [NB600-380] - Detection of V5-tagged Protein by Western Blot. Samples: 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibodies: Affinity purified, goat anti-V5 antibody NB600-380 used for WB at 0.04 ug/ml (1:25,000). Detection: Chemiluminescence with an exposure time of 30 seconds.

Western Blot: V5 Epitope Tag Antibody [NB600-380] - Analysis using the Biotin conjugate of NB600-380. Detection of 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibody used at 0.04 ug/ml (1:25,000). Detection: Streptavidin-HRP (0.1 ug/ml) and chemiluminescence with an exposure time of 3 seconds.

Western Blot: V5 Epitope Tag Antibody [NB600-380] - Analysis using the HRP conjugate of NB600-380. Detection of 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibody used at 0.04 ug/ml (1:25,000).

Publications


Miller D et al. L166P Mutant DJ-1, Causative for Recessive Parkinsons Disease, Is Degraded through the Ubiquitin-Proteasome System Journal of Biological Chemistry

Details:
This publication used the Agarose Immobilized conjugated form of this antibody (Cat# NB600-387).

van der Aa LM, Jouneau L, Laplantine E et al. FinTRIMs, fish virus-inducible proteins with E3 ubiquitin ligase activity Dev Comp Immunol

Details:
This publication used the Agarose Immobilized conjugated form of this antibody (Cat# NB600-387).
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<tr>
<td>Wang CH, Su LH, Sun CH et al. A novel ARID/Bright-like protein involved in transcriptional activation of cyst wall protein 1 gene in Giardia lamblia J Biol Chem</td>
<td>This publication used the HRP conjugated form of this antibody (Cat# NB600-386).</td>
</tr>
<tr>
<td>Nakamura Y, Weidinger G, Liang JO et al. The CCN family member Wisp3, mutant in progressive pseudorheumatoid dysplasia, modulates BMP and Wnt signaling J Clin Invest</td>
<td>This publication used the Agarose Immobilized conjugated form of this antibody (Cat# NB600-387).</td>
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<tr>
<td>Guo X, Macleod GT, Wellington A et al. The GTPase dMiro is required for axonal transport of mitochondria to Drosophila synapses Neuron</td>
<td>This publication used the FITC conjugated form of this antibody (Cat# NB600-385).</td>
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<tr>
<td>Park HA, Khanna S, Rink C et al. Glutathione disulfide induces neural cell death via a 12-lipoxygenase pathway Cell Death Differ</td>
<td>This publication used the Agarose Immobilized conjugated form of this antibody (Cat# NB600-387).</td>
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<tr>
<td>Zhang Z et al. Selective incorporation of 5-hydroxytryptophan into protein in mammalian cells PNAS Jun 26 1905 12:00AM (Human)</td>
<td>This publication used the Agarose Immobilized conjugated form of this antibody (Cat# NB600-387).</td>
</tr>
<tr>
<td>Bratschi MW, Burrowes DP, Kulaga A et al. Glycerol-3-phosphate acyltransferases gat1p and gat2p are microsomal phosphoproteins with differential contributions to polarized cell growth Eukaryot Cell</td>
<td>This publication used the Agarose Immobilized conjugated form of this antibody (Cat# NB600-387).</td>
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<tr>
<td>Hodges E, Redelius JS, Wu W et al. Accelerated discovery of novel protein function in cultured human cells Mol Cell Proteomics</td>
<td>This publication used the FITC conjugated form of this antibody (Cat# NB600-385).</td>
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<tr>
<td>Brockington M, Torelli S, Prandini P et al. Localization and functional analysis of the LARGE family of glycosyltransferases: significance for muscular dystrophy Hum Mol Genet</td>
<td>This publication used the FITC conjugated form of this antibody (Cat# NB600-385).</td>
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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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