

# Product Datasheet

## DCK Antibody (OTI3F5) - Azide and BSA Free NBP2-70555

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-70555**

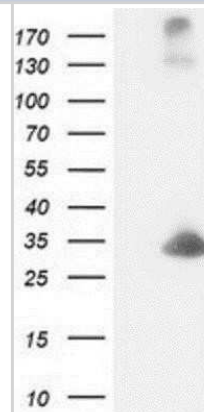
DCK Antibody (OTI3F5) - Azide and BSA Free

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 100 ug  |
| <b>Concentration</b>               | LYOPH mg/ml   |
| <b>Storage</b>                     | Store at -20C. Avoid freeze-thaw cycles.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | OTI3F5  |
| <b>Preservative</b>                | No Preservative   |
| <b>Reconstitution Instructions</b> | we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.  |
| <b>Isotype</b>                     | IgG2a   |
| <b>Purity</b>                      | Immunogen affinity purified   |
| <b>Buffer</b>                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose   |
| <b>Target Molecular Weight</b>     | 30.3 kDa  |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | Novus Biologicals Mouse DCK Antibody (OTI3F5) - Azide and BSA Free (NBP2-00590) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 1633  |
| <b>Gene Symbol</b>                 | DCK   |
| <b>Species</b>                     | Human, Mouse, Rat, Monkey   |
| <b>Reactivity Notes</b>            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| <b>Immunogen</b>                   | Full length human recombinant protein of human DCK (NP_000779) produced in HEK293T cell.  |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready   |
| <b>Recommended Dilutions</b>       | Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150, CyTOF-ready  |



## Images

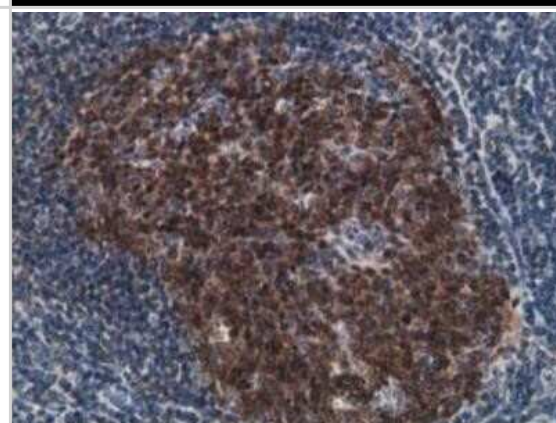
Western Blot: DCK Antibody (OTI3F5) - Azide and BSA Free [NBP2-70555] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DCK (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DCK.



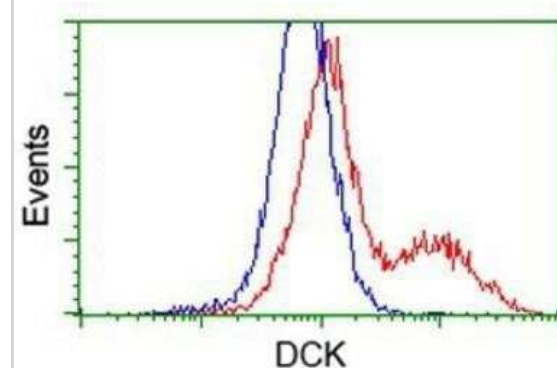
Immunocytochemistry/Immunofluorescence: DCK Antibody (OTI3F5) - Azide and BSA Free [NBP2-70555] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY DCK.



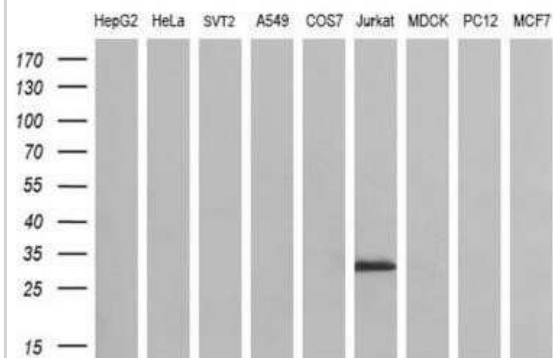
Immunohistochemistry: DCK Antibody (OTI3F5) - Azide and BSA Free [NBP2-70555] - Staining of paraffin-embedded Human lymph node tissue using anti-DCK mouse monoclonal antibody.



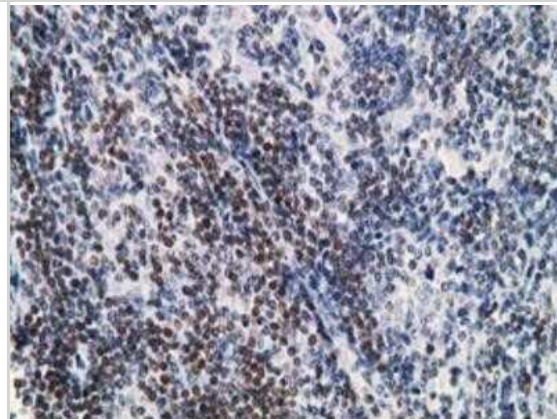
Flow Cytometry: DCK Antibody (OTI3F5) - Azide and BSA Free [NBP2-70555] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-DCK antibody, and then analyzed by flow cytometry.



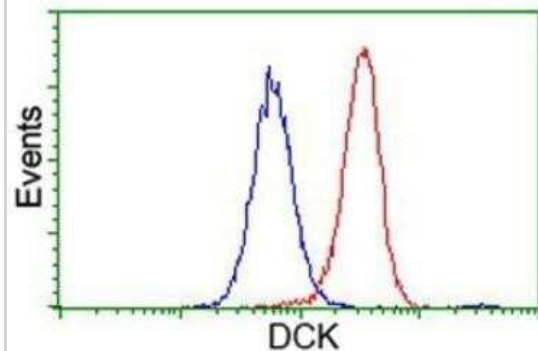
Western Blot: DCK Antibody (OTI3F5) - Azide and BSA Free [NBP2-70555] - Analysis of extracts (35ug) from 9 different cell lines by using anti-DCK monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



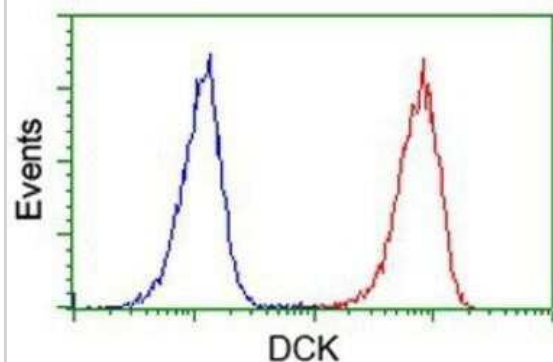
Immunohistochemistry: DCK Antibody (OTI3F5) - Azide and BSA Free [NBP2-70555] - Staining of paraffin-embedded Human Lymphoma tissue using anti-DCK mouse monoclonal antibody.



Flow Cytometry: DCK Antibody (OTI3F5) - Azide and BSA Free [NBP2-70555] - Analysis of HeLa cells, using anti-DCK antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: DCK Antibody (OTI3F5) - Azide and BSA Free [NBP2-70555] - Analysis of Jurkat cells, using anti-DCK antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-70555**

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|             |  |
|-------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007      | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539      | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-96778  | Mouse IgG2a Isotype Control (M2A)                  |

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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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