

# Product Datasheet

## DNCIC1 Antibody (74.1) NB300-726

Unit Size: 100 ug

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

[www.novusbio.com](http://www.novusbio.com)



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Updated 9/9/2025 v.20.1

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**NB300-726**

DNCIC1 Antibody (74.1)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	74.1
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS with 1 mg/ml BSA

Product Description	
Description	Novus Biologicals Mouse DNCIC1 Antibody (74.1) (NB300-726) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1780
Gene Symbol	DYNC111
Species	Human, Mouse, Rat, Drosophila, Mammal, Xenopus
Reactivity Notes	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.
Specificity/Sensitivity	Detects two isoforms of the 74kDa polypeptide of cytoplasmic Dynein.
Immunogen	Purified bovine brain cytoplasmic dynein.

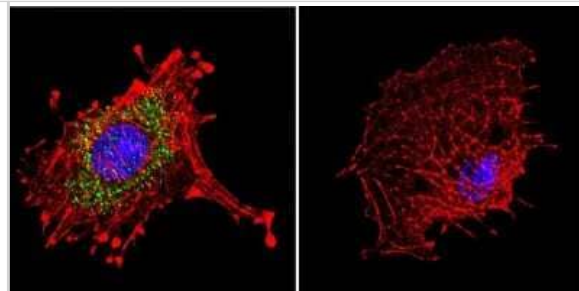
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1 ug/ml, Flow Cytometry 1 - 2 ug, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 2 - 4 ug/ml, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10-1:500

**Images**

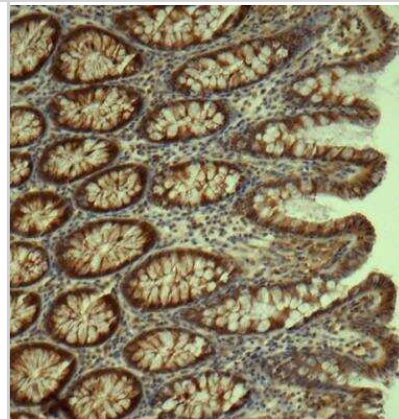
Western Blot: DNCIC1 Antibody (74.1) [NB300-726] - Analysis of cytoplasmic dynein in HeLa cell lysate.



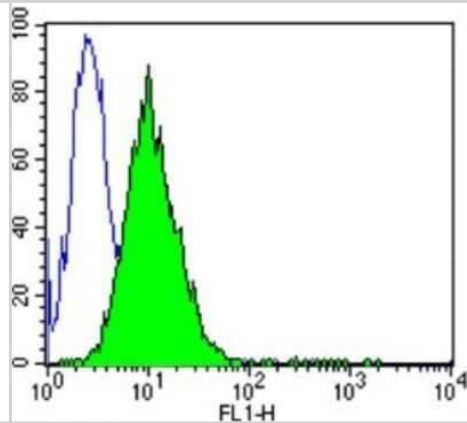
Immunocytochemistry/Immunofluorescence: DNCIC1 Antibody (74.1) [NB300-726] - Analysis of Dynein in C6 Cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a Dynein monoclonal antibody at a dilution of 1:20 overnight at 4C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. Dynein staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown.



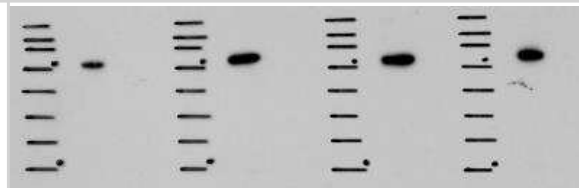
Immunohistochemistry-Paraffin: DNCIC1 Antibody (74.1) [NB300-726] - analysis of DNCIC1 in human colon tissue using anti-DNCIC1 antibody. Image from verified customer review.



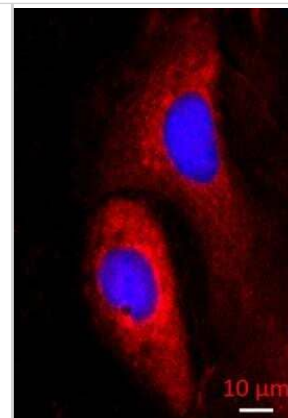
Flow Cytometry: DNCIC1 Antibody (74.1) [NB300-726] - Analysis of Dynein in C6 cells compared to an isotype control (blue).



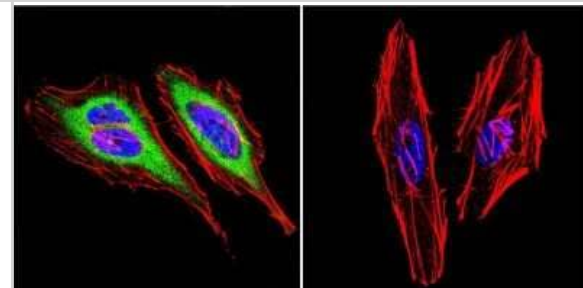
Western Blot: DNCIC1 Antibody (74.1) [NB300-726] - analysis of DNCIC1 in human colon cancer cell lysates using anti-DNCIC1 antibody. Image from verified customer review.



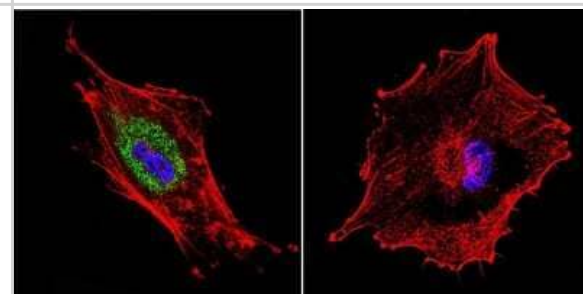
Immunocytochemistry/Immunofluorescence: DNCIC1 Antibody (74.1) [NB300-726] - analysis of DNCIC1 in caco-2 cells using anti-DNCIC1 antibody. Image from verified customer review.



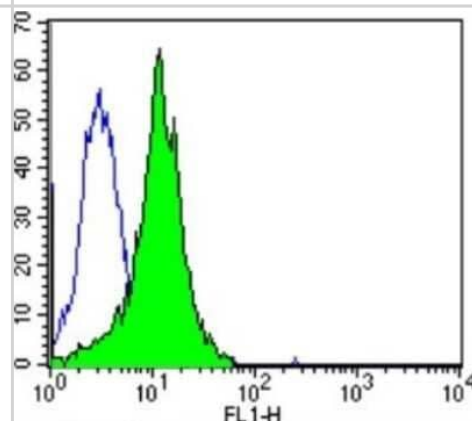
Immunocytochemistry/Immunofluorescence: DNCIC1 Antibody (74.1) [NB300-726] - Analysis of Dynein in HeLa Cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a Dynein monoclonal antibody at a dilution of 1:20 overnight at 4C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. Dynein staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown.



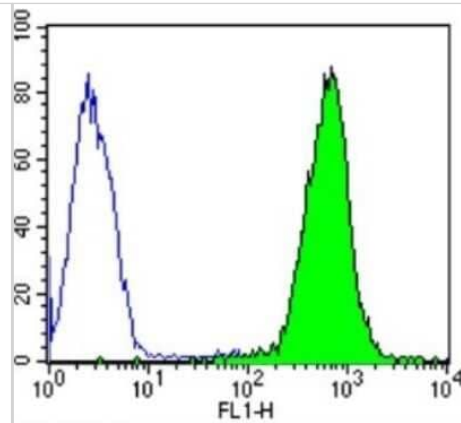
Immunocytochemistry/Immunofluorescence: DNCIC1 Antibody (74.1) [NB300-726] - Analysis of Dynein in U87-MG Cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a Dynein monoclonal antibody at a dilution of 1:20 overnight at 4C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. Dynein staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown.



Flow Cytometry: DNCIC1 Antibody (74.1) [NB300-726] - Analysis of Dynein in U87-MG cells compared to an isotype control (blue).



Flow Cytometry: DNCIC1 Antibody (74.1) [NB300-726] - Analysis of Dynein in Hela cells compared to an isotype control (blue).





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### **Products Related to NB300-726**

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NB800-PC1	HeLa Whole Cell Lysate
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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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