

# Product Datasheet

## Aly Antibody (11G5) - BSA Free NB100-670

Unit Size: 0.05 ml

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

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**NB100-670**

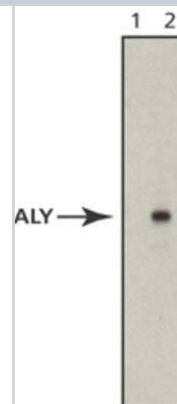
Aly Antibody (11G5) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	2.1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	11G5
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10mM PBS (pH 7.4)
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Aly Antibody (11G5) - BSA Free (NB100-670) is a monoclonal antibody validated for use in WB, ELISA, ICC/IF and IP. Anti-Aly Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	10189
<b>Gene Symbol</b>	ALYREF
<b>Species</b>	Human, Xenopus
<b>Reactivity Notes</b>	Cross-reacts with Human and Xenopus laevis. Not yet tested in other species.
<b>Specificity/Sensitivity</b>	This is specific for Aly protein.
<b>Immunogen</b>	Recombinant human ALY / REF protein
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Microarray
<b>Recommended Dilutions</b>	Western Blot 0.5-1 ug/ml, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500, Microarray
<b>Application Notes</b>	Co-immunoprecipitation and western blot studies were performed in Hela cells using a monoclonal mouse anti-Aly antibody. The results indicated that Aly which was observed as a 30 kDa band interacted with the Herpes Simplex Virus I protein, ICP27. 1



## Images

Western Blot: Aly Antibody (11G5) [NB100-670] - La cell extract was separated by SDS-PAGE and probed with Monoclonal Anti-ALY (0.4 ug/mL, lane 1) followed by Goat Anti-Mouse, Peroxidase conjugate (Cat. No. A2304, lane 1,2) and a chemiluminescent substrate.



## Publications

tapescu i, taschuk f, Whig K et al. The RNA Helicase DDX39A Binds a Conserved Structure in Chikungunya Virus RNA to Control Infection SSRN Electronic Journal 2022-11-09 [PMID: 37949067] (ICC/IF, Human)

tapescu i, taschuk f, Whig K et al. The RNA Helicase DDX39A Binds a Conserved Structure in Chikungunya Virus RNA to Control Infection SSRN Electronic Journal 2022-11-09 [PMID: 37949067]

Okada M, Jang S-W, Ye K. Akt phosphorylation nuclear phosphoinositide association mediate mRNA export cell proliferation activities by ALY. PNAS;105(25):8649-8654. 2008-01-01 [PMID: 18562279]

Majerciak, V, Yamanegi, K, Nie, S H, Zheng, Z-M. Structural Functional Analyses of Kaposi Sarcoma-associated Herpesvirus ORF57 Nuclear Localization Signals in Living Cells. ,281, 28365-28378. 2006-01-01 [PMID: 16829516]



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### **Products Related to NB100-670**

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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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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