

# 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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### Publications: 4

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**NB100-670**

Aly Antibody (11G5) - BSA Free

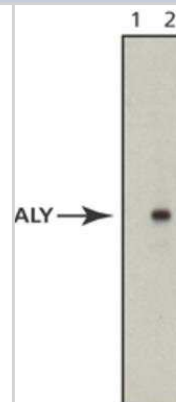
Product Information	
Unit Size	0.05 ml
Concentration	2.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11G5
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	10mM PBS (pH 7.4)

Product Description	
Host	Mouse
Gene ID	10189
Gene Symbol	ALYREF
Species	Human, Xenopus
Reactivity Notes	Cross-reacts with Human and Xenopus laevis. Not yet tested in other species.
Specificity/Sensitivity	This is specific for Aly protein.
Immunogen	Recombinant human ALY / REF protein

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot 0.5-1 ug/ml, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500, Microarray
Application Notes	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**

NB800-PC1	HeLa Whole Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

### **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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