

# Product Datasheet

## Adenovirus Hexon Antibody - BSA Free NB600-1386

Unit Size: 0.5 ml

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

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**NB600-1386****Adenovirus Hexon Antibody - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.5 ml
<b>Concentration</b>	4.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	IgG purified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Host</b>	Goat
<b>Species</b>	Virus
<b>Reactivity Notes</b>	Cross-reacts with Adenovirus. Does not react with Para 1-3, Influenza A and B, or RSV.
<b>Specificity/Sensitivity</b>	Recognizes numerous Adeno proteins including hexon protein, and reacts with Adenovirus types 1, 2, 3, 5, 6, 7a, 8, 31, 40 & 41. Broad reactivity with other Adenovirus types is expected. Goat anti Adenovirus antibody does not cross-react with Parainfluenza types 1-3, Influenza A & B, RSV, hMPV and Rhinovirus type 16. Goat anti Adenovirus antibody does not react with uninfected Hep-2, LLCMK2 and Vero cells. Adenoviruses are 80-110 nm diameter, non-enveloped icosahedral viruses that can cause respiratory illness, infantile gastroenteritis and other mild disorders such as conjunctivitis. Features of Adenovirus have made it a useful tool for gene transfection and expression in mammalian cells.
<b>Immunogen</b>	Gradient purified, disrupted native adenovirus type 5 virions

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:100, Simple Western 1:100, ELISA 1:100-1:2000, Immunohistochemistry, Immunohistochemistry-Frozen

**Publications**

Wang J, Yang C, Liang Z et Al. Indirubin-3'-monoxime exhibits potent antiviral and anti-inflammatory effects against human adenoviruses in vitro and in vivo Biomed Pharmacother 2024-04-09 [PMID: 38603887]

Mazboudi R, Mulhall Maasz H, Resch MD et al. A recombinant virus-like particle vaccine against adenovirus-7 induces a potent humoral response NPJ vaccines 2023-10-11 [PMID: 37821505] (ICC/IF)





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### **Products Related to NB600-1386**

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-62392	Adenovirus Hexon Native Protein

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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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