

Product Datasheet

Dengue virus 1 NS1 Antibody (BA11-D5-1-B11) NBP3-14854-0.1mg

Unit Size: 0.1 mg

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

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NBP3-14854-0.1mg

Dengue virus 1 NS1 Antibody (BA11-D5-1-B11)

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	BA11-D5-1-B11
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS pH 7.4

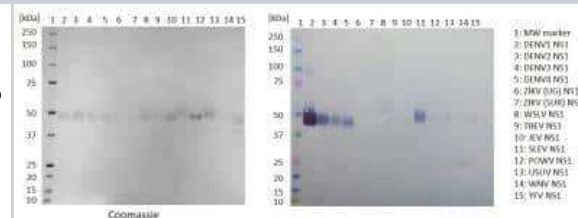
Product Description	
Description	Addition of 0.09% w/v sodium azide is recommended for long term storage at +4C.
Host	Mouse
Species	Virus
Reactivity Notes	Dengue Serotype 1
Specificity/Sensitivity	This antibody recognises Dengue virus 1 NS1 protein. It shows no cross-reactivity in ELISA with NS1 from Dengue virus serotypes 2, 3 or 4, ZIKV, WSLV, TBEV, JEV, SLEV, POWV, USUV, WNV and YFV. In western blot it detects NS1 for all four Dengue virus serotypes and St. Louis encephalitis virus (SLEV) NS1.
Immunogen	An equal mix of Dengue virus NS1 from serotypes 1-4, produced in HEK293 cells

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA



Images

Western Blot: Dengue virus 1 NS1 Antibody (BA11-D5-1-B11) [NBP3-14854] - 100ng of each antigen was used for SDS-PAGE, in reduced form. Proteins were transferred using Transblot for 7 minutes at 25V. 5% dry milk in PBS-T was used as blocking buffer and dilution buffer for antibodies. Primary antibodies are given below, and goat anti-mouse-IgG-HRP secondary antibody was used at 1:1000. All steps were carried out for 1h at room temperature with gentle rocking. KPL Membrane TMB was used for detection. Development time 30 seconds. Antibody detected NS1 protein for all four Dengue virus serotypes and St. Louis encephalitis virus (SLEV).



ELISA: Dengue virus 1 NS1 Antibody (BA11-D5-1-B11) [NBP3-14854] - All NS1 antigens coated at 0.5ug/ml in DPBS for 2h at RT. Plate washed 1X 300ul/well TBS + 0.1% Tween20, blocked 300ul/well DPBS+1% BSA for 1h. Antibody diluted to 1.0ug/ml and 0.01ug/ml in DPBS + 1% BSA + 0.05% T20. Added at 100ul/well, incubated shaken 2h room temperature. Plate washed 3X 300ul/well TBS-T wash buffer. Goat anti-mouse IgG-HRP secondary antibody diluted 1:2500 in DPBS/1%BSA/0.05%T20, added at 100ul/well, incubated shaken 1h room temperature. Plate washed 6X 300ul/well TBS-T wash buffer. Detection by Europa TMB substrate, added at 100ul/well and the plate developed for 3 min. static on the bench. Reaction stopped with 100ul/well 1M HCL and the plate was read within 4 min. at 405nm.





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Products Related to NBP3-14854-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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