Biotinylated Anti-Influenza A Virus H1N1 Neuraminidase Antibody

ORDERING INFORMATION

Catalog Number: BAF4858

Lot Number: CBTL01

Size: 50 μg

Formulation: 0.2 μm filtered solution in PBS with BSA

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: viral H1N1NA

Immunogen: *Sf* 21-derived rvH1N1NA (aa 37 - 469)

Ig Type: sheep IgG

Application: Western blot

Preparation

Produced in sheep immunized with purified, *Sf* 21-derived, recombinant viral Influenza A Virus H1N1 Neuraminidase (rvH1N1NA; aa 37 - 469; R&D Systems, Catalog # 4858-NM). Viral H1N1NA specific IgG was purified by viral H1N1NA affinity chromatography and then biotinylated.

Formulation

Lyophilized from a 0.2 μm filtered solution in phosphate-buffered saline (PBS) containing 50 μg of bovine serum albumin (BSA) per 1 μg of antibody.

Reconstitution

Reconstitute with sterile Tris-buffered saline pH 7.3 (20 mM Trizma base, 150 mM NaCl) containing 0.1% BSA. If 1 mL of buffer is used, the antibody concentration will be 50 μg/mL.

Storage

Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for use as a detection antibody in viral H1N1NA Western blots.

Application

Western blot - This antibody can be used at 0.1 - 0.2 μg/mL with the appropriate secondary reagents to detect viral H1N1NA. The detection limit for rvH1N1NA is approximately 2 ng/lane under non-reducing and reducing conditions.

Optimal dilutions should be determined by each laboratory for each application.

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