

Product Datasheet

HIV-1 Gag p24 Antibody (8G9) - BSA Free NBP2-41336

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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NBP2-41336

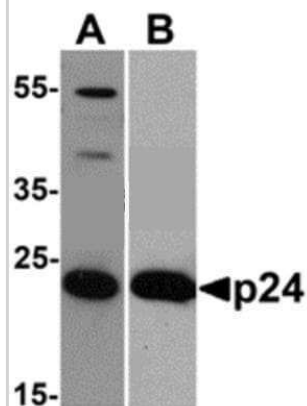
HIV-1 Gag p24 Antibody (8G9) - BSA Free

| 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 | 8G9 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | PBS |
| Target Molecular Weight | 24, 41, 55 kDa |
| Product Description | |
| Host | Mouse |
| Gene ID | 155030 |
| Gene Symbol | gag |
| Species | Virus |
| Specificity/Sensitivity | By Western blot, anti-HIV-1 Gag p24 antibody detects a ~24 kDa, a ~41 kDa, and a ~55 kDa protein, corresponding to HIV-1 Gag p24 and to its precursors p41 and p55, respectively, in HIV-1 samples. |
| Immunogen | Antibody was raised against a recombinant full-length HIV-1 Gag p24 protein. Amino Acid Sequence: pivqniqqgmvhqaisprtlhawvkvveekafspevipmfsalsegatpqdlntmlntvgghqaamqmlketi neeeaaewdrvhpvhagpiapggmreprgsdiagttstlqeqigwmtnppipvgeiykrwiilglnkivrmys ptsildirqgpkeprdyvdrfyktraeqasqevknwmtetllvqnanpdcktilkalgpaatleemmtacqgv gpghkarvla |
| Product Application Details | |
| Applications | Western Blot, ELISA |
| Recommended Dilutions | Western Blot 0.2-0.5 ug/ml, ELISA 0.2-0.5 ug/ml |

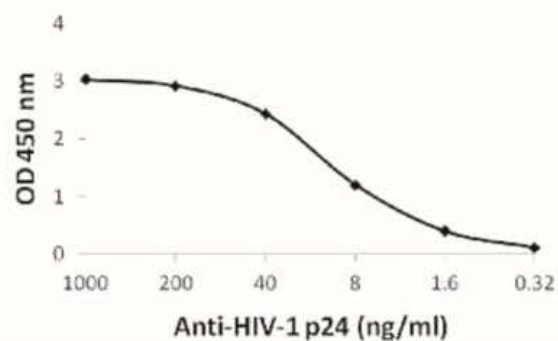


Images

Western Blot: HIV-1 Gag p24 Antibody (8G9) - BSA Free [NBP2-41336]
 - Western blot analysis of 20 ng of (A) viral p24 and (B) recombinant p24 with anti-HIV-1 Gag p24 antibody NBP2-41336 at (A) 0.5 ug/mL and (B) 0.2 ug/mL, respectively.



ELISA: HIV-1 Gag p24 Antibody (8G9) - BSA Free [NBP2-41336] -
 Titration ELISA of anti-HIV-1 Gag p24 antibody NBP2-41336 with 100 ng of recombinant HIV-1 Gag p24 protein.



Publications

Puertas MC, Bayon-Gil A, Garcia-Guerrero MC Et al. VIP-SPOT: an Innovative Assay To Quantify the Productive HIV-1 Reservoir in the Monitoring of Cure Strategies mBio 2021-06-22 [PMID: 34154408]

Details:

This citation used the Biotin format of this antibody.



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Products Related to NBP2-41336

| | |
|------------------|--|
| 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) |
| NBP1-46036-0.1mg | Recombinant HIV-1 Gag p24 His Protein |

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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