

# Product Datasheet

## Flavivirus group antigen Antibody (D1-4G2-4-15 (4G2)) [CoraFluor™ 1] NBP2-52709CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-52709CL1**

Flavivirus group antigen Antibody (D1-4G2-4-15 (4G2)) [CoraFluor™ 1]

| Product Information         |                                                                                                                                                                                                                                                                              |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                       |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                  |
| Storage                     | Store at 4C in the dark. Do not freeze.                                                                                                                                                                                                                                      |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                   |
| Clone                       | D1-4G2-4-15 (4G2)                                                                                                                                                                                                                                                            |
| Preservative                | No Preservative                                                                                                                                                                                                                                                              |
| Isotype                     | IgG2a Kappa                                                                                                                                                                                                                                                                  |
| Conjugate                   | CoraFluor 1                                                                                                                                                                                                                                                                  |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                           |
| Buffer                      | PBS                                                                                                                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                                                                                              |
| Host                        | Mouse                                                                                                                                                                                                                                                                        |
| Species                     | Virus                                                                                                                                                                                                                                                                        |
| Reactivity Notes            | Dengue Virus, Zika Virus, West Nile Virus, Yellow Fever Virus, Flaviviridae.                                                                                                                                                                                                 |
| Specificity/Sensitivity     | This Flavivirus group antigen Antibody (D1-4G2-4-15 (4G2)) recognises flavivirus group specific antigens (Dengue virus, West Nile Virus, Japanese Encephalitis, Yellow Fever Virus, Zika virus etc). It binds to the fusion loop at the extremity of domain II of protein E. |
| Immunogen                   | This recombinant Flavivirus group antigen Antibody (D1-4G2-4-15 (4G2)) was prepared from Dengue Virus type 2 antigens.                                                                                                                                                       |
| Notes                       | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254                                                                                                                |
| Product Application Details |                                                                                                                                                                                                                                                                              |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready, Immunofluorescence, Neutralization                                                                                           |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Neutralization, Immunofluorescence, CyTOF-ready                                                                                           |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                       |





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### **Products Related to NBP2-52709CL1**

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|---------------|---------------------------------------------------------|
| NBP1-96981CL1 | Mouse IgG2a Kappa Isotype Control (M2AK) [CoraFluor™ 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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