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### Research Grade VIR-3434

|                                 |                                                                                                                                                                                                                                                                                                                                                                 |                  |                  |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|
| <b>Catalog No.</b>              | DVV03004A<br>DVV03004B                                                                                                                                                                                                                                                                                                                                          | <b>Quantity:</b> | 100 µg<br>1.0 mg |
| <b>Alternate Names:</b>         | Hepatitis B Virus (HBV)                                                                                                                                                                                                                                                                                                                                         |                  |                  |
| <b>Description:</b>             | Research Grade VIR-3434 is a human monoclonal antibody directed against Large envelope protein of Hepatitis B Virus (HBV-A) designed to block entry of hepatitis B and hepatitis D viruses (HBV and HDV) into hepatocytes and to reduce the level of virions and subviral particles in the blood, potentially function as a T cell vaccine against HBV and HDV. |                  |                  |
| <b>UniProt ID (target):</b>     | P03142                                                                                                                                                                                                                                                                                                                                                          |                  |                  |
| <b>Target:</b>                  | Large envelope protein of Hepatitis B Virus (HBV-A)                                                                                                                                                                                                                                                                                                             |                  |                  |
| <b>Concentration:</b>           | 1.0 mg/ml, lot specific                                                                                                                                                                                                                                                                                                                                         |                  |                  |
| <b>Source:</b>                  | XtenCHO                                                                                                                                                                                                                                                                                                                                                         |                  |                  |
| <b>Isotype:</b>                 | Human IgG1                                                                                                                                                                                                                                                                                                                                                      |                  |                  |
| <b>Formulation:</b>             | 0.01M PBS buffer, pH 7.4                                                                                                                                                                                                                                                                                                                                        |                  |                  |
| <b>Purity:</b>                  | > 95% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                               |                  |                  |
| <b>Endotoxin Level:</b>         | ≤ 0.01 EU/µg by LAL analysis                                                                                                                                                                                                                                                                                                                                    |                  |                  |
| <b>Purification:</b>            | Protein A/G affinity chromatography                                                                                                                                                                                                                                                                                                                             |                  |                  |
| <b>Applications:</b>            | Functional studies                                                                                                                                                                                                                                                                                                                                              |                  |                  |
| <b>Storage &amp; Stability:</b> | Store at 2-8°C for up to 1 week, or in working aliquots at -20°C to -80°C for up to 1 year.<br><b>Avoid freeze/thaw cycles.</b>                                                                                                                                                                                                                                 |                  |                  |

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