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Product Datasheet

SARS-CoV-2 Spike P681H Antibody [7C11H11] (Omicron, Alpha Variant), Mouse, Monoclonal ABT-ASC12233

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| Article Name | SARS-CoV-2 Spike P681H Antibody [7C11H11] (Omicron, Alpha Variant), Mouse, Monoclonal |
| Biozol Catalog Number | ABT-ASC12233 |
| Supplier Catalog Number | ASC12233 |
| Alternative Catalog Number | ABT-ASC12233-0.1MG |
| Manufacturer | Abcepta |
| Host | Mouse |
| Category | Antikörper |
| Application | ELISA, WB |
| Product Description | In September of 2020 a new lineage of SARS-CoV-2, known as B.1.1.7 and named as Alpha variant, was discovered in the United Kingdom. This lineage was found to have developed 14 lineage-specific amino acid replacements and 3 deletions prior to its dis... |
| Clonality | Monoclonal |
| Molecular Weight | 141178 |
| NCBI | 43416 |
| UniProt | P0DTC2 |
| Buffer | SARS-CoV-2 (COVID-19) P681H Mutant Specific Spike antibody is supplied in PBS containing 0.02% sodium azide. |

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| Purity | SARS-CoV-2 (COVID-19) Alpha Variant (B.1.1.7, UK) Spike P681H Antibody is affinity chromatography purified via peptide column. |
| Target | May cross-react with several virus of interest (VOI) variant lineages that contains P681H mutation, including B.11.318, B.1.621, B.1.621.1, P.3. But all of these lineages are rarely present in current pandemic. |
| Antibody Type | Monoclonal Antibody |
| Application Notes | WB: 1 µg/mL. Antibody validated: Western Blot in human samples. Anti-SARS-CoV-2 (COVID-19) P681H Mutant Specific Spike antibody can specifically detect SARS-CoV-2 Alpha Variant (B.1.1.7, UK) S1 protein, but not SARS-CoV-2 WT Spike S1 protein by ELISA |