

CD19

Catalog # PVGS1907

Product Information

| | |
|---------------------------------------|--|
| Primary Accession Species | A0A2K5W8L9 Cynomolgus/Rhesus macaque |
| Sequence | Gln21-Trp291 |
| Purity | > 95% as determined by Bis-Tris PAGE |
| Endotoxin Level | Less than 1EU per μ g by the LAL method. |
| Biological Activity | AntiCD19 Antibody, hFc Tag captured on CM5 Chip via Protein A can bind CD19, His, Cynomolgus/Rhesus macaque in SPR assay (Biacore T200). Test result was comparable to standard batch. |
| Expression System | HEK293 |
| Theoretical Molecular Weight | 30.96 kDa |
| Formulation Reconstitution | Lyophilized from a 0.22 μ m filtered solution in PBS, (pH 7.4). Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| Storage & Stability | Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles. |

Additional Information

| | |
|--------------------------|--|
| Target Background | CD19 is a 95 kDa transmembrane glycoprotein that plays a central role in B cell activation and humoral immune responses. Functions as coreceptor for the B-cell antigen receptor complex (BCR) on B-lymphocytes. Decreases the threshold for activation of downstream signaling pathways and for triggering B-cell responses to antigens. Activates signaling pathways that lead to the activation of phosphatidylinositol 3-kinase and the mobilization of intracellular Ca ²⁺ stores. |
|--------------------------|--|

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.