

- 20°C

**ANTI-HUMAN COMPLEMENT RECEPTOR 1 (CR1 or CD35)
IgG FRACTION MONOCLONAL**

Catalog Number: MA-CD35-6 (200µg) Lot #:

Description: IgG fraction from mouse monoclonal antibody (clone 5H3/B1) obtained by immunization of mice with a human B cell line. The IgG fraction was purified using Protein G-Sepharose.

Ig Subtype: IgG1

Biological Activity: This antibody can be used in ELISA assays. It recognizes human CD35 (CD21), a polymorphic protein expressed as four allelic variants with molecular weight of 160, 190, 220 and 250 kDa. CD35 is expressed on all peripheral blood cells with the exception of platelets, natural killer cells and most T cell. It binds immune complexes opsonized with the activated complement components C3b and C4b, leading to their clearance in the liver and spleen.

Storage Conditions: Store at -20°C.

Stability: Stable for at least one year. Avoid repeated freezing and thawing.

Formulation: Solution at 1.0 mg/mL in PBS. Some of the liquid in the vial could have evaporated with changes in the final volume. However, the mass of the protein is still inside the vial.

References: Krych-Golberg, M. & Atkinson, J.P. (2001) Immunol. Rev. 180, 112 – 122.
Chen, Z. et. al. (2000) Immunol. Rev. 176, 194 – 204.