

## Anti-Complement Receptor 1 & 2 [7G6] Standard Size Ab00236-2.3

Recombinant monoclonal antibody to Complement Receptor 1 & 2. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 7G6. This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** 7G6

**Alternative Name(s) of Target:** CD21 & CD35

**UniProt Accession Number of Target Protein:** P19070 & P17927

**Published Application(s):** CoStim, IP, WB, Block, FC, IHC-Fr

**Published Species Reactivity:** Mouse

**Immunogen:** Purified Mouse CR1.

**Specificity:** Recognises an epitope shared by 145-150kDa and 190kDa complement receptor proteins, originally designated CR2 (CD21) and CR1 (CD35).

**Application Notes:** This antibody binds mouse complement receptors CR1 and CR2, functionally blocking CR2 leading to suppression of a normal antibody immune response (see Heyman et al. 1990, PMID: 1695671)

**Antibody First Published in:** Kinoshita et al. Monoclonal antibodies to mouse complement receptor type 1 (CR1). Their use in a distribution study showing that mouse erythrocytes and platelets are CR1-negative. J Immunol. 1988 May 1;140(9):3066-72 [PMID:2966205](#)

**Note on publication:** Describes the generation and characterization of this antibody.

### Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.