

Anti-Complement Receptor 1 & 2 [7G6] Vivopure 10 mg Ab00236-2.0-VPT

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2B format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, 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: 10 mg Vivopure products are produced at high purity (>98%), low endotoxin (<0.5 EU/mg) and are formulated without preservatives. As a result Vivopure products are the ideal choice for in vivo research applications.

Purification: Protein A affinity purified

Supplied In: PBS only, with >98% antibody purity and <1 EU/mg guaranteed.

Storage Recommendation: All vivopure products are formulated in PBS only without addition of preservatives. To ensure optimal storage and prevent microbial contamination, only open and dispense

under sterile conditions.

Concentration: $\geq 1\text{mg}$ (see vial label for exact conc)

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