

Anti-CD35 (complement receptor 1) [8C12] Standard Size Ab00238-1.1

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2A format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: 8C12

Alternative Name(s) of Target: CR1 ; C3BR; C4BR; CD35; KN

UniProt Accession Number of Target Protein: P17927

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

Published Species Reactivity: Mouse

Immunogen: Purified murine CR1 protein.

Specificity: Recognises an epitope on CD35 (CR1, 190 kDa), but not on CD21 (CR2, 145-150 kDa), which are alternative splice variants of primary Cr2 gene transcripts.

Application Notes: This antibody recognises murine CD35, expressed on the majority of peripheral B-cells and peritoneal macrophages and upon fMet-Leu-Phe stimulation also on

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.