

APC anti-Mouse CD21/CD35 (CR2/CR1) mAb

Catalog No.: A25674

Basic Information

Observed MW

Refer to figures

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ATC0023

Conjugate

APC. Ex:650nm. Em:660nm.

Recommended Dilutions

FC The suggested use of this reagent is $\leq 0.25 \mu\text{g}$ per 10^6 cells in $100 \mu\text{l}$ volume.

Background

Predicted to enable complement receptor activity and opsonin binding activity. Acts upstream of or within several processes, including cellular response to hypoxia; complement activation; and negative regulation of complement activation. Located in basolateral plasma membrane and external side of plasma membrane. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system; and liver and biliary system. Human ortholog(s) of this gene implicated in malaria. Orthologous to several human genes including CR1L (complement C3b/C4b receptor 1 like). Enables complement receptor activity. Acts upstream of or within with a negative effect on complement activation, alternative pathway. Acts upstream of or within several processes, including cellular response to lipopolysaccharide; immunoglobulin mediated immune response; and skeletal system development. Located in external side of plasma membrane. Human ortholog(s) of this gene implicated in common variable immunodeficiency; nasopharynx carcinoma; and systemic lupus erythematosus. Orthologous to human CR2 (complement C3d receptor 2).

Immunogen Information

Gene ID

12902/12946

Swiss Prot

Immunogen

Recombinant protein

Synonyms

Cr1; C3DR; CD21; CD35; Cr-1; Cr-2; Mcp; Crpy; mCRY

Contact

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Product Information

Source

Rat

Isotype

Rat IgG2a, κ

Purification

Affinity purification

Storage

Store at 4°C . Avoid freeze / thaw cycles.

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide