

CAB22667

Product Information

Product SKU: CAB22667	Gene ID: 966	Size: 20uL, 100uL
Clone No: ARC56723	Host Species: Rabbit	Reactivity: Human

Additional Information

Observed MW: Refer to figures	Conjugate: Unconjugated
Calculated MW: 14kDa	Isotype: IgG

Immunogen Information

Background: This gene encodes a cell surface glycoprotein that regulates complement-mediated cell lysis, and it is involved in lymphocyte signal transduction. This protein is a potent inhibitor of the complement membrane attack complex, whereby it binds complement C8 and/or C9 during the assembly of this complex, thereby inhibiting the incorporation of multiple copies of C9 into the complex, which is necessary for osmolytic pore formation. This protein also plays a role in signal transduction pathways in the activation of T cells. Mutations in this gene cause CD59 deficiency, a disease resulting in hemolytic anemia and thrombosis, and which causes cerebral infarction. Multiple alternatively spliced transcript variants, which encode the same protein, have been identified for this gene.

Recommended Dilution: WB,1:1000 - 1:5000

Synonyms: 1F5; EJ16; EJ30; EL32; G344; MIN1; MIN2; MIN3; MIRL; HRF20; MACIF; MEM43; MIC11; MSK21; 16.3A5; HRF-20; MAC-IP; p18-20; CD59

Purification Method: Affinity purification

Immunogen: A synthesized peptide derived from human CD59.

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.