Complement C6 Recombinant monoclonal antibody, PBS Only

Catalog Number:86286-3-PBS

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Basic Information

Catalog Number: 86286-3-PBS	**GenBank Accession Number:** BC035723	**Purification Method:** Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	**GeneID (NCBI):** 729	**CloneNo.:** 250971A10
Source: Rabbit	**UNIPROT ID:** P13671	
Isotype: IgG	**Full Name:** complement component 6	
Immunogen Catalog Number: EG4529	**Calculated MW:** 934 aa, 105 kDa	
	Observed MW: 105-120 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

The final consequence of complement activation is formation of the membrane attack complex (MAC), a multiprotein assembly that perforates cell membranes, forming transmembrane channels. C6 is 1 of 5 late-acting proteins of complement that participate in assembly and function of the MAC. The deduced C6 protein contains 934 amino acids, including a 21-amino acid N-terminal signal sequence and 2 N-glycosylation sites. Mutations in the C6 gene are associated with complement component-6 deficiency.
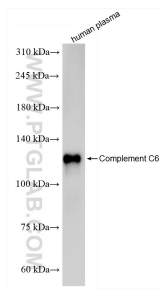
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS only, pH7.3

Selected Validation Data

human plasma were subjected to SDS PAGE followed by western blot with 86286-3-RR (Complement C6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86286-3-PBS in a different storage buffer formulation.