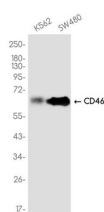


Recombinant CD46 Monoclonal Antibody

catalog number: AN300250P

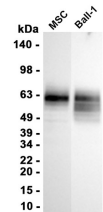
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Recombinant Human CD46 protein
Host	Rabbit
Isotype	IgG
Clone	B168
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
Recommended Dilution	
WB:	1:1000-1:5000; IHC-P: 1:200-1:1000
Data	



Western blot analysis of extracts from K562, SW480 cells at 1:1000.

Observed-MW:50-70 kDa
Calculated-MW:44 kDa



Western blot analysis of extracts from MSC, Ball-1 cells at 1:1000.

Observed-MW:50-70 kDa
Calculated-MW:44 kDa

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background	
The protein encoded by this gene is a type I membrane protein and is a regulatory part of the complement system. The encoded protein has cofactor activity for inactivation of complement components C3b and C4b by serum factor I, which protects the host cell from damage by complement. In addition, the encoded protein can act as a receptor for the Edmonston strain of measles virus, human herpesvirus-6, and type IV pili of pathogenic <i>Neisseria</i>. Finally, the protein encoded by this gene may be involved in the fusion of the spermatozoa with the oocyte during fertilization. Mutations at this locus have been associated with susceptibility to hemolytic uremic syndrome. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jun 2010]	

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