# antibodies - online.com







# anti-CD46 antibody (AA 317-343)



# **Images**



( )	11	$\sim$	rv		۱ ۸
	1 \ /	┙	I \/	╙	1/1

Quantity:	0.4 mL	
Target:	CD46	
Binding Specificity:	AA 317-343	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CD46 antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (IHC), ELISA	

### **Product Details**

Immunogen:	A portion of amino acids 317-343 from the human protein was used as the immunogen for this CD46 antibody.
Isotype:	lg Fraction
Purification:	Antigen affinity purified
Target Details	

Target:	CD46
Alternative Name:	CD46 (CD46 Products)
Background:	CD46 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 Neisseria. Finally, the protein encoded by this gene		
may be involved in the fusion of the spermatozoa with the oocyte during fertilization. This gene		
is found in a cluster on chromosome 1q32 with other genes encoding structural components of		
the complement system.		
P15529		

UniProt:

Pathways: Regulation of Actin Filament Polymerization

# **Application Details**

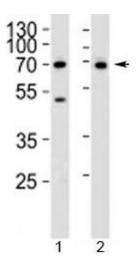
Application Notes:

Titration of the CD46 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

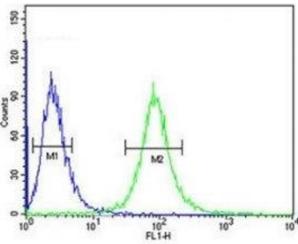
## Handling

Format:	Liquid	
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Aliquot the CD46 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.	



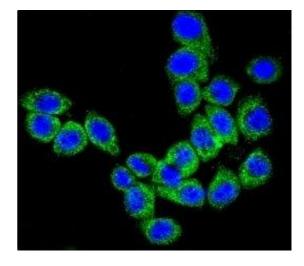
### **Western Blotting**

**Image 1.** Western blot analysis of lysate from 1) Jurkat and 2) SK-BR-3 cell line using CD46 antibody at 1:1000.



#### **Flow Cytometry**

**Image 2.** CD46 antibody flow cytometric analysis of CEM cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of CD46 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

Please check the product details page for more images. Overall 7 images are available for ABIN3030405.