

Datasheet for ABIN650982
anti-CD46 antibody (C-Term)

4 Images

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Overview

Quantity:	400 µL
Target:	CD46
Binding Specificity:	AA 317-343, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD46 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CD46 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 317-343 amino acids from the C-terminal region of human CD46.
Clone:	RB21743
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CD46
Alternative Name:	CD46 (CD46 Products)

Target Details

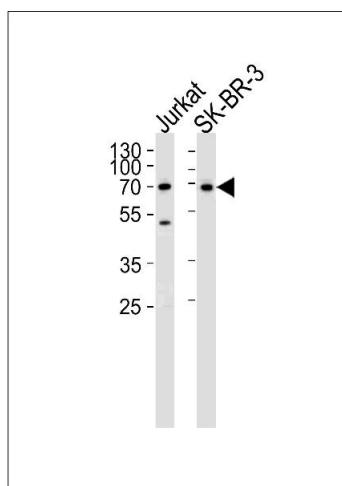
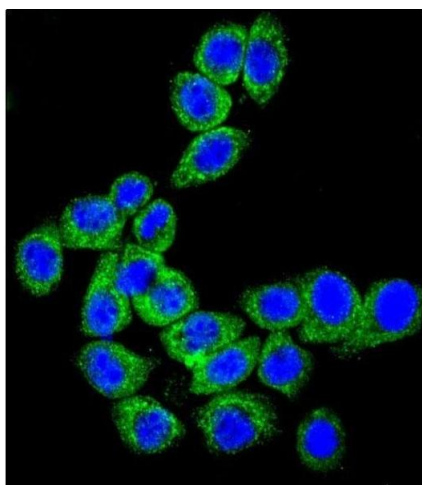
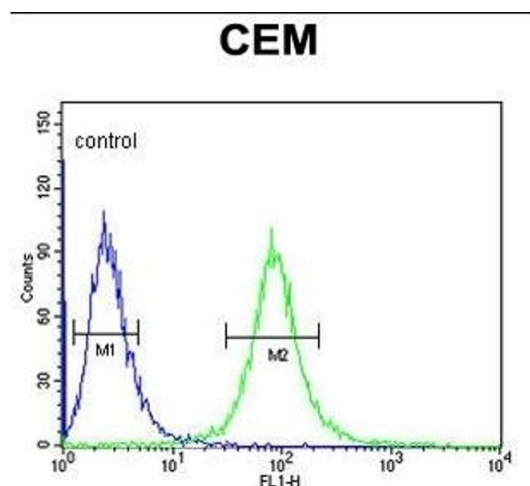
Background:	CD46 is a type I membrane protein and is a regulatory part of the complement system. The encoded protein has cofactor activity for inactivation of complement components C3b and C4b by serum factor I, which protects the host cell from damage by complement. In addition, the encoded protein 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.
Molecular Weight:	43747
Gene ID:	4179
NCBI Accession:	NP_002380 , NP_722548 , NP_758860 , NP_758861 , NP_758862 , NP_758863 , NP_758869 , NP_758871
UniProt:	P15529
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. CD46 Antibody (C-term) (ABIN650982 and ABIN2840022) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of CD46 Antibody (C-term) (ABIN650982 and ABIN2840022) with Hela cell followed by Alexa Fluor® 489-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Western Blotting

Image 3. Western blot analysis of lysates from Jurkat, SK-BR-3 cell line (from left to right), using CD46 Antibody (C-term) (ABIN650982 and ABIN2840022). (ABIN650982 and ABIN2840022) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN650982.