

Datasheet for ABIN1512715
anti-CD46 antibody (AA 40-320)

6 Images

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Overview

Quantity:	100 µg
Target:	CD46
Binding Specificity:	AA 40-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD46 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 40-320 of human CD46 (NP_722548.1).
Sequence:	TFEAMELIGK PKPYYEIGER VDYKCKKGYF YIPPLATHTI CDRNHTWLPV SDDACYRETC PYIRDPLNGQ AVPANGTYEF GYQMHFICNE GYYLIGEEIL YCELKGSVAI WSGKPPICEK VLCTPPPKIK NGKHTFSEVE VFEYLDVAVTY SCDPAPGPD P FSLIGESTIY CGDNSVWSRA APECKVVKCR FPPVENGKQI SGFGKKFYK ATVMFECDKG FYLDGSDTIV CDSNSTWDPP VPKCLKVSTS STTKSPASSA SGPRPTYKPP VSNYPGYPKP E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

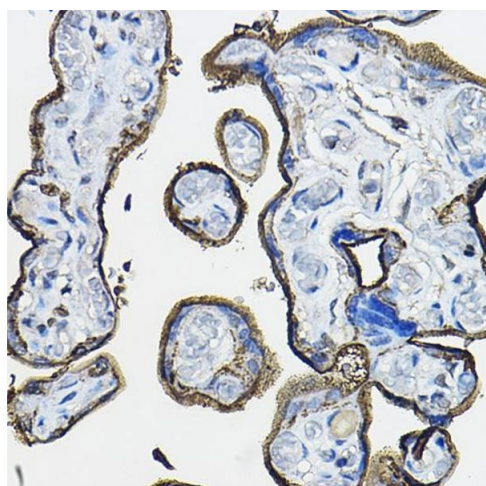
Target:	CD46
Alternative Name:	CD46 (CD46 Products)
Background:	<p>The protein encoded by this gene is a type I membrane protein and is a regulatory part of the complement system. The encoded protein has cofactor activity for inactivation of complement components C3b and C4b by serum factor I, which 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 Neisseria. 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.,AHUS2,MCP,MIC10,TLX,TRA2.10,CD46,Immunology & Inflammation,CD markers,Cell Intrinsic Innate Immunity Signaling Pathway,CD46</p>
Molecular Weight:	36 kDa/39 kDa/40 kDa/41 kDa/42 kDa/43 kDa/44 kDa
Gene ID:	4179
UniProt:	P15529
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

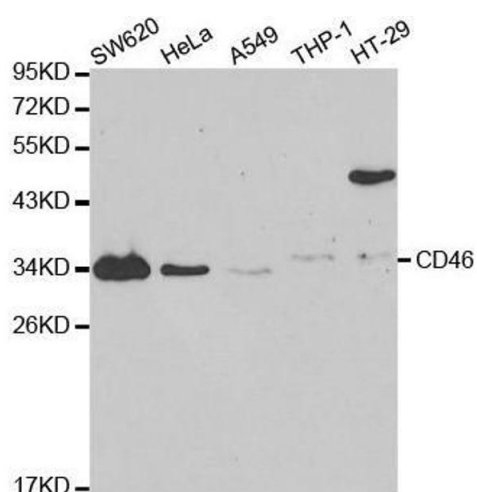
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



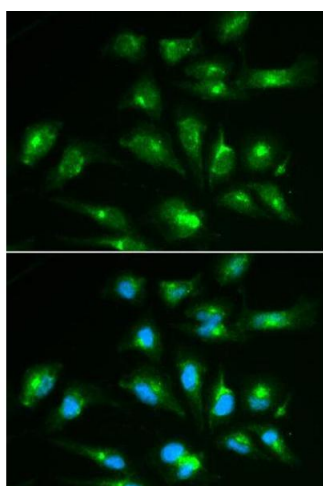
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta using CD46 Rabbit pAb (ABIN3022325, ABIN3022326, ABIN1512715, ABIN1513898 and ABIN6218741) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD46 antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of HepG2 cell using CD46 antibody. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN1512715.