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Datasheet for ABIN7159320
anti-CD46 antibody (AA 164-325)

2 Images

Overview

Quantity:	100 µg
Target:	CD46
Binding Specificity:	AA 164-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD46 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Membrane cofactor protein (164-325AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	CD46
Alternative Name:	CD46 (CD46 Products)
Background:	Background: Acts as a cofactor for complement factor I, a serine protease which protects autologous cells against complement-mediated injury by cleaving C3b and C4b deposited on

Target Details

host tissue. May be involved in the fusion of the spermatozoa with the oocyte during fertilization. Also acts as a costimulatory factor for T-cells which induces the differentiation of CD4+ into T-regulatory 1 cells. T-regulatory 1 cells suppress immune responses by secreting interleukin-10, and therefore are thought to prevent autoimmunity. A number of viral and bacterial pathogens seem to exploit this property and directly induce an immunosuppressive phenotype in T-cells by binding to CD46.

Aliases: AHUS2 antibody, Antigen defined by monoclonal antibody TRA 2 10 antibody, Antigen identified by monoclonal antibody TRA 2 10 antibody, CD46 antibody, CD46 antigen antibody, CD46 antigen complement regulatory protein antibody, CD46 Molecule antibody, CD46 Molecule complement regulatory protein antibody, Complement membrane cofactor protein antibody, MCP antibody, MCP_HUMAN antibody, Measles virus receptor antibody, membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen) antibody, Membrane cofactor protein antibody, MGC26544 antibody, MIC10 antibody, TLX antibody, TRA2.10 antibody, Trophoblast leucocyte common antigen antibody, Trophoblast leukocyte common antigen antibody, Trophoblast lymphocyte cross reactive antigen antibody

UniProt: [P15529](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

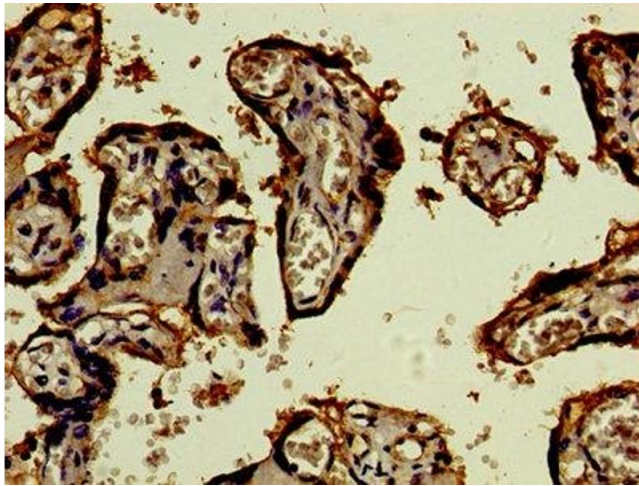
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

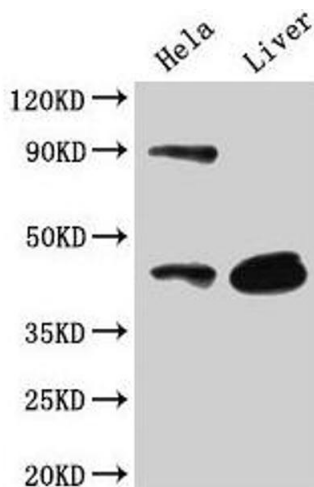
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7159320 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, Mouse liver tissue All lanes: CD46 antibody at 3 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 44, 45, 43, 41, 42, 40, 37 kDa Observed band size: 44 kDa