



[Go to Product page](#)

Datasheet for ABIN7193208
anti-CD46 antibody (AA 35-179)

6 Images

Overview

Quantity:	0.1 mg
Target:	CD46
Binding Specificity:	AA 35-179
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD46 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD46 (AA: extra 35-179) expressed in E. coli.
Clone:	1A5A5
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD46
Alternative Name:	CD46 (CD46 Products)
Background:	Description: The protein encoded by this gene is a type I membrane protein and is a regulatory

Target Details

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.

Aliases: MCP, TLX, AHUS2, MIC10, TRA2.10

Molecular Weight: 43.7 kDa

Gene ID: 4179

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

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

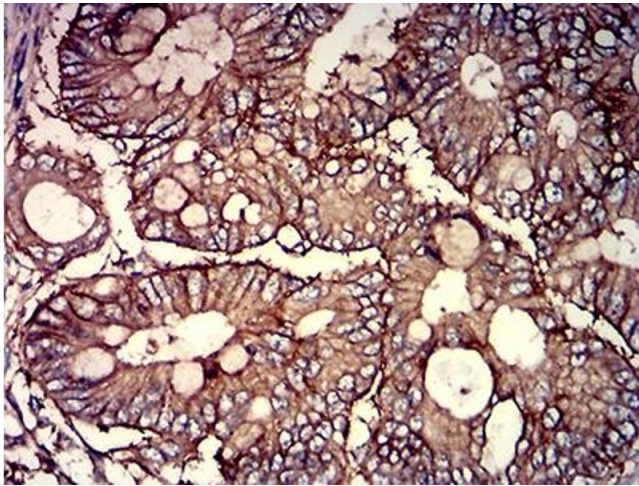
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

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

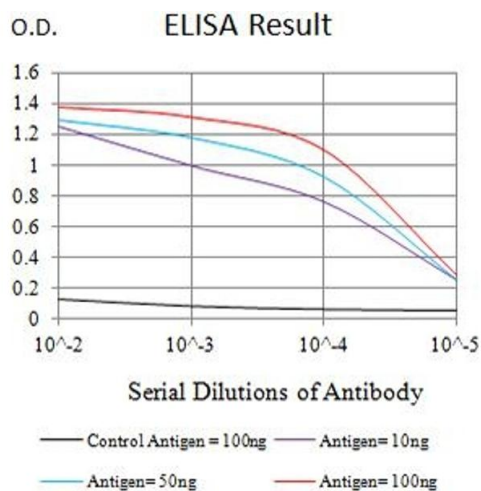
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



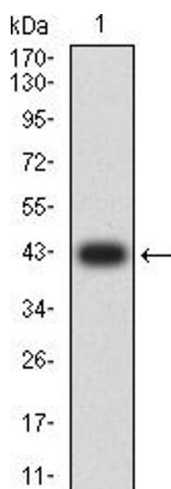
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using CD46 mouse mAb with DAB staining.



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CD46 mAb against human CD46 (AA: extra 35-179) recombinant protein. (Expected MW is 42.4 kDa)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7193208.