

# Anti-CD46 antibody

Catalog Number: 103280

## Product name

Anti-CD46 antibody

## Immunogen

[Human CD46 \(His Tag\) recombinant protein](#)

## Specificity

Human CD46

## Antibody description

Rabbit polyclonal to CD46

## Preparation

Produced in rabbits immunized with purified, recombinant Human CD46 (rh CD46; EAW93471.1; Met 1-Asp 328). CD46 specific IgG was purified by Human CD46 affinity chromatography.

## Formulation

0.2 µm filtered solution in PBS with 5% trehalose

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

ELISA, WB, IHC-P, IP

## Dilutions

WB: 10-20 µg/ml

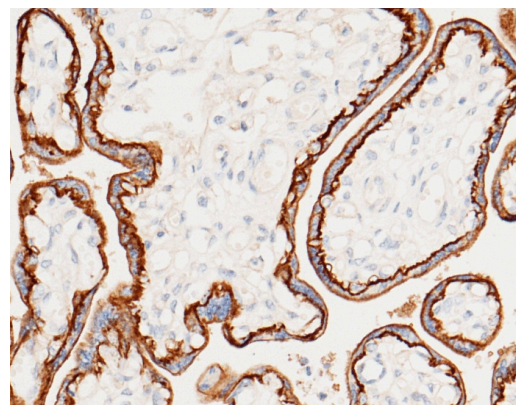
ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human CD46. The detection limit for Human CD46 is approximately 0.0049 ng/well.

IHC-P: 0.2-1 µg/mL

IP: 4-6 µg/mg of lysate

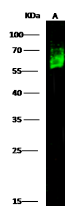
## Validations



CD46 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunohistochemistry

Immunochemical staining of human CD46 in human placenta with rabbit polyclonal antibody (0.5 µg/mL, formalin-fixed paraffin embedded sections). Positive staining was localized to

membrane of trophoblast.



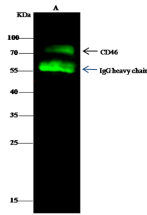
Items	Lanes
Sample (Membrane Lysate)	A
Sample Volume (µg/lane)	20
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	10-20µg/ml
Secondary Antibody	DyLight 800 labeled Antibody to Rabbit IgG (1:1), at 1:5000 dilution.
Developed using Odyssey imaging system.	
Explanation	Predicted band size : 44 kDa Observed band size : 62 kDa

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CD46 Antibody, Rabbit PAb, Antigen Affinity



CD46 Antibody, Rabbit PAb, Antigen Affinity  
Purified, Immunoprecipitation

Purified, Western blot

Item	Lane
Sample (whole-cell lysate)	A
Sample quantity	253T
Sample quantity	0.5 mg
IP antibody quantity	2 µg
Protein G agarose	15 µl of 50% Protein G Agarose
Gel	15% SDS-PAGE reducing gel
Primary antibody	CD46-His antibody at 5 µg/ml
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.