

# Anti-CD46 antibody



Catalog Number: 100467

## Product name

Anti-CD46 antibody

## Immunogen

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

## Specificity

Human CD46

## Antibody description

Mouse monoclonal to CD46

## Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD46 (rh CD46; EAW93471.1; Met1-Asp328). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

## Formulation

0.2  $\mu$ m filtered solution in PBS

## 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

Monoclonal

## Ig Type

Mouse IgG1

## Applications

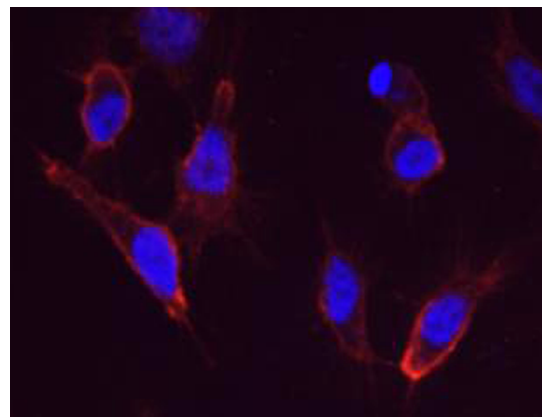
FCM, IF, ICC/IF

## Dilutions

FCM: 0.5-2  $\mu$ g/Test

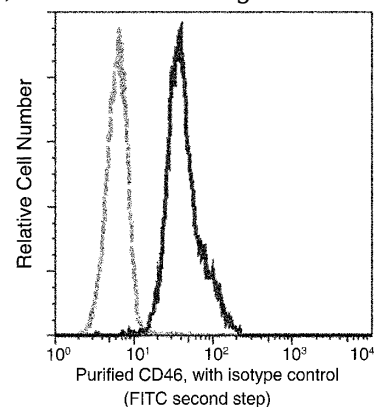
ICC/IF: 10-25  $\mu$ g/mL

## Validations



CD46 Antibody, Mouse MAb, Immunofluorescence

Immunofluorescence staining of Human CD46 in Hela cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with Mouse anti-Human CD46 monoclonal antibody (15  $\mu$ g/ml) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 594-conjugated Goat Anti-mouse IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to



cell membrane.

CD46 Antibody, Mouse MAb, Flow cytometric analysis

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Profile of anti-CD46 reactivity on HeLa cells analyzed by flow cytometry.