
CD46 Recombinant Rabbit mAb

Catalog Number: bsm-54335R

Target Protein: CD46

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 4C3

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:50-200), IHC-F (1:50-200), IF (1:50-200), ICC/IF (1:50-200)

Reactivity: Human

Predicted MW: 36 kDa

Entrez Gene: 4179

Swiss Prot: P15529

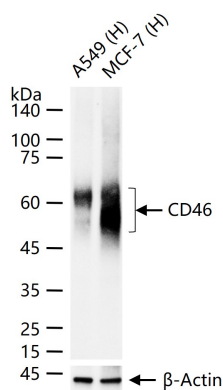
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

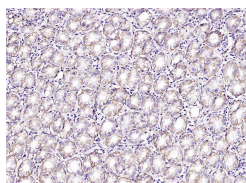
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: CD46 is one of the membrane complement regulatory proteins. CD46 possesses C3b-binding and factor I cofactor activities which play important roles in the regulation of the complement activation pathway. CD46 is widely distributed on blood cells, endothelial cells, epithelial cells and tumor cell lines. CD46 exists as many isoforms in a variety of tissues. The antigen has a broad distribution and is present on leukocytes, platelets, endothelial cells, epithelial cells and fibroblasts. It is strongly expressed on salivary gland ducts and kidney ducts, moderately on lymphocytes and endothelium, and weakly on interstitial tissues and muscle cells, but not on erythrocytes. It is expressed on thymocytes, B cells, monocytes, granulocytes, NK cells, platelets, epithelial and endothelial cells.

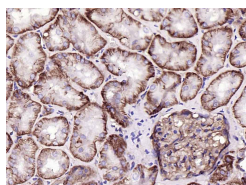
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with CD46 monoclonal antibody, unconjugated (bsm-54335R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (human gastric); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD46) Monoclonal Antibody, Unconjugated (bsm-54335R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD46) Monoclonal Antibody, Unconjugated (bsm-54335R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.