

Anti-CD96 antibody



Catalog Number: 175077

Product name

Anti-CD96 antibody

Specificity

Human, Mouse

Antibody description

Mouse monoclonal antibody to CD96

Preparation

This antigen of this antibody was purified recombinant fragment of human cd96 (aa: extra 321-519) expressed in e. coli.

Formulation

Liquid, 1*PBS with 0.05% sodium azide.

Storage

Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Clonality

Monoclonal

Ig Type

IgG2b

Applications

WB, FC

Dilutions

WB: 1:500-1:2,000

FC: 1:100-1:200

Validations

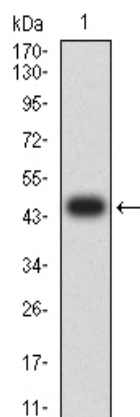
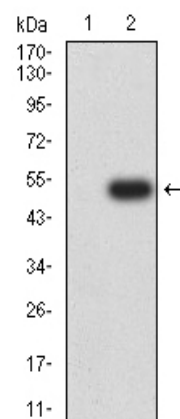


Fig1: Western blot analysis of CD96 against human CD96 (AA: extra 321-519) recombinant protein. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour



at room temperature.

Fig2: Western blot analysis of 175077# against HEK293 (1) and CD96 (AA: extra 321-519)-hIgGFc transfected HEK293 (2) cell lysate. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room

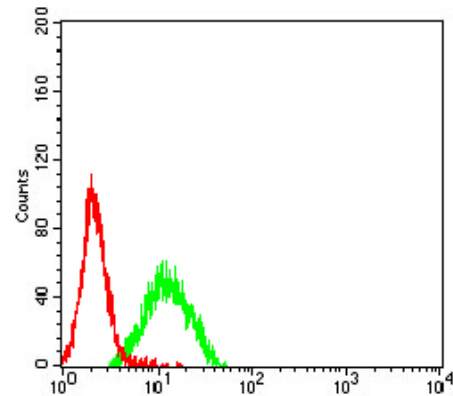
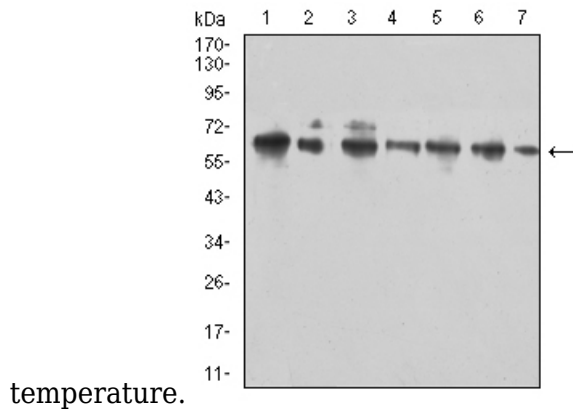


Fig3: Western blot analysis of 175077# against Hela (1), Jurkat (2), MOLT4 (3), Raji (4), HL-60 (5), U937 (6), and C6 (7) cell lysate. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature.

Fig4: Flow cytometric analysis of CD96 was done on K562 cells. The cells were fixed, permeabilized and stained with the primary antibody (1/100) (green). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated goat anti-Mouse IgG Secondary antibody at 1/500 dilution for 30 minutes. Unlabelled sample was used as a control (cells without incubation with primary antibody; red).