

## CD55 monoclonal antibody

Catalog: MB21670

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a protein involved in the regulation of the complement cascade. The encoded glycoprotein is also known as the decay-accelerating factor (DAF); binding of DAF to complement proteins accelerates their decay, disrupting the cascade and preventing damage to host cells. Antigens present on the DAF glycoprotein constitute the Cromer blood group system (CROM). Two alternatively spliced transcripts encoding different proteins have been identified. The predominant transcript encodes a membrane-bound protein expressed on cells exposed to plasma component proteins but an alternatively spliced transcript produces a soluble protein present at much lower levels. Additional, alternatively spliced transcript variants have been described, but their biological validity has not been determined.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

41.4kDa

### Swiss-Prot:

P08174

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000    FC:1/200 - 1/400

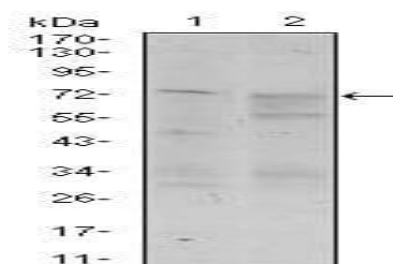
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

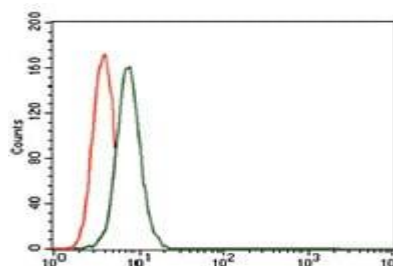
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using CD55 mouse mAb against Raji (1) and K562 (2) cell lysate.



Flow cytometric analysis of K562 cells using CD55 mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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