

# CD55 Rabbit Polyclonal Antibody



CAB1228

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

55kDa

### Calculated MW:

39kDa/41kDa/48kDa/56kDa/  
59kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 -  
1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This gene encodes a glycoprotein involved in the regulation of the complement cascade. Binding of the encoded protein to complement proteins accelerates their decay, thereby disrupting the cascade and preventing damage to host cells. Antigens present on this protein constitute the Cromer blood group system (CROM). Alternative splicing results in multiple transcript variants. The predominant transcript variant encodes a membrane-bound protein, but alternatively spliced transcripts may produce soluble proteins.

## Immunogen information

### Gene ID:

1604

### Uniprot

P08174

### Synonyms:

CD55; CR; CROM; DAF; TC

### Immunogen:

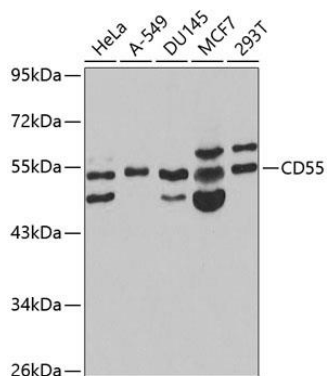
Recombinant fusion protein containing a sequence corresponding to amino acids 40-300 of human CD55 (NP\_000565.1).

### Storage:

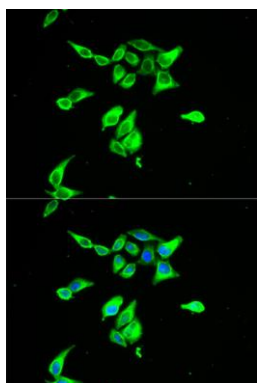
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using CD55 antibody (CAB1228) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of A549 cells using CD55 antibody (CAB1228). Blue: DAPI for nuclear staining.