

CD55 Rabbit pAb

Catalog No.: A1228 **2 Publications**

Basic Information

Observed MW

60-70kDa

Calculated MW

41kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

1604

Swiss Prot

P08174

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 40-300 of human CD55 (NP_000565.1).

Synonyms

CR; TC; DAF; CROM; CHAPLE; CD55

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

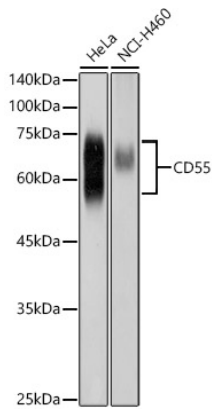
Affinity purification

Storage

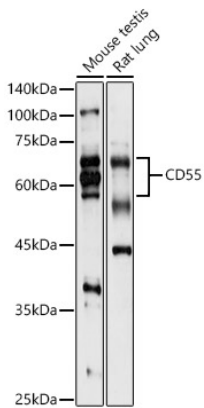
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

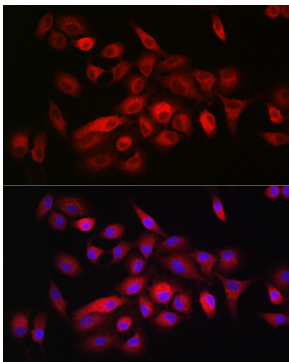
Validation Data



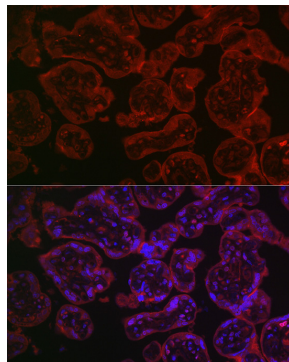
Western blot analysis of various lysates using CD55 Rabbit pAb (A1228) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Western blot analysis of various lysates using CD55 Rabbit pAb (A1228) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of A-549 cells using CD55 Rabbit pAb1 (A1228) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded human placenta using CD55 Rabbit pAb1 (A1228) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.