

## CD55 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01513
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human CD55. AA range:241-290
<b>Mol wt</b>	41400
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	CD55 Antibody
<b>Synonyms</b>	CD55; CR; DAF; Complement decay-accelerating factor; CD55

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

CD55 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.

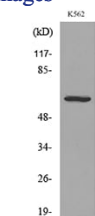
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western blot analysis of lysate from K562 cells, using CD55 Antibody.



Western Blot analysis of K562 cells using CD55 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

## Storage

-20°C for one year

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