

## CD55 antibody

Catalog No: #22513

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## Description

Product Name	CD55 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 71 and 300 of human CD55
Target Name	CD55
Accession No.	Swiss-Prot:P08174Gene ID:1604
Uniprot	P08174
GeneID	1604;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

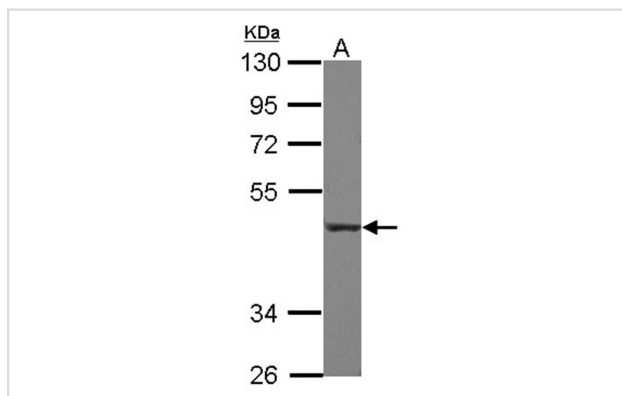
## Application Details

Predicted MW: 41kd

Western blotting: 1:500-1:3000

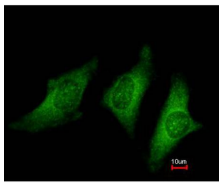
Immunofluorescence: 1:100-1:200

## Images

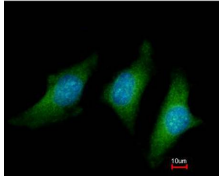


Sample (30 ug of whole cell lysate)  
A: THP-1  
10% SDS PAGE  
Primary antibody diluted at 1: 1000

Immunofluorescence analysis of methanol-fixed HeLa, using CD55 antibody at 1: 200 dilution.



Costained with Hoechst 33342



## 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. [provided by RefSeq]

Note: This product is for in vitro research use only