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anti-CD55 antibody (AA 51-79)





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Quantity:	0.4 mL
Target:	CD55
Binding Specificity:	AA 51-79
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD55 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 51-79 from the human protein was used as the immunogen for this CD55 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified
Torgot Dotoilo	

Target Details

Target:	CD55
Alternative Name:	CD55 (CD55 Products)
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].
P08174

UniProt:

Pathways:

Complement System, Regulation of Leukocyte Mediated Immunity

Application Details

Application Notes:

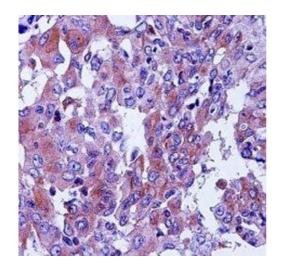
Titration of the CD55 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Immunofluorescence: 1:10-1:50,IHC (Paraffin): 1:10-1:50,Flow Cytometry: 1:10-1:50

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the CD55 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

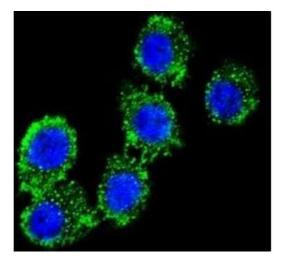


Immunohistochemistry

Image 1. CD55 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human lung adenocarcinoma.

Western Blotting

Image 2. CD55 antibody western blot analysis in HeLa lysate. Observed molecular weight: 41~70 kDa.



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of CD55 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

Please check the product details page for more images. Overall 7 images are available for ABIN3030560.