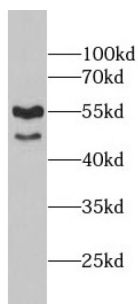
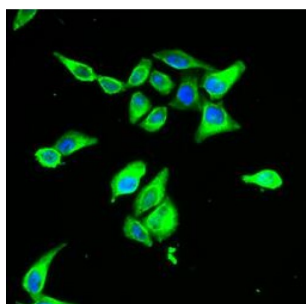


Complement Decay-Accelerating Factor (CD55) Antibody

Catalogue No.: abx146790



WB analysis of DU145 cells, using CD55 antibody (1/1000 dilution).



IF analysis of A549 cells, using CD55 antibody (1/50 dilution).

Complement Decay-Accelerating Factor (CD55) Antibody is a Rabbit Polyclonal antibody for the detection of CD55.

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.

Target: Complement Decay-Accelerating Factor (CD55)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IF/ICC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Complement decay-accelerating factor

Datasheet

Version: 2.0.0
Revision date: 24 May 2025



Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P08174 (UniProt , ExPASy)
Gene Symbol:	CD55
GeneID:	1604
OMIM:	125240
HGNC:	2665
KEGG:	hsa:1604
Ensembl:	ENSG00000196352
String:	9606.ENSP00000356030
Molecular Weight:	Observed MW: 55 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.