

CD55 Rabbit mAb

Catalog No: #59525

Package Size: #59525-1 50ul #59525-2 100ul

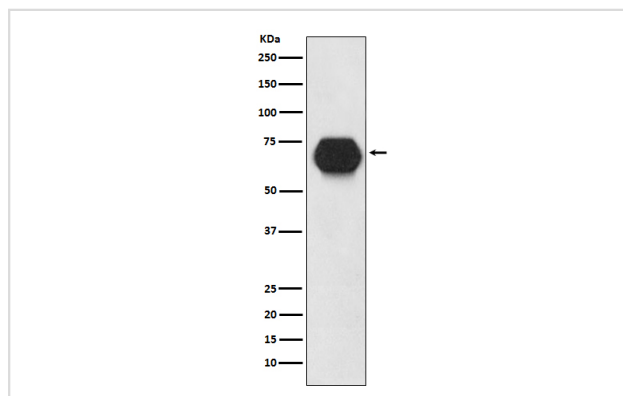
Description

Product Name	CD55 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human
Specificity	CD55 Antibody detects endogenous levels of total CD55
Immunogen Description	A synthesized peptide derived from human CD55
Other Names	Cd55a; Complement decay accelerating factor; CROM; DAF; Daf-GPI; Daf1; GPI-DAF;
Accession No.	Uniprot:P08174
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:1000~1:5000 IHC 1:50~1:200

Images



Western blot analysis of CD55 expression in A549 cell lysate.

Background

This protein recognizes C4b and C3b fragments that condense with cell-surface hydroxyl or amino groups when nascent C4b and C3b are locally generated during C4 and C3 activation. Interaction of daf with cell-associated C4b and C3b polypeptides interferes with their ability to catalyze the conversion of C2 and factor B to enzymatically active C2a and Bb and thereby prevents the formation of C4b2a and C3bBb, the amplification convertases of the complement cascade.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.