

Product Datasheet

CD55 Antibody

Catalog No: CY7009

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P08174

All Names: Cd55a; Complement decay accelerating factor; CROM; DAF; Daf-GPI; Daf1; GPI-DAF;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 55-80kDa

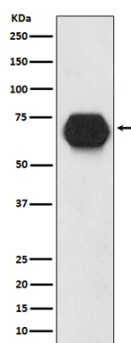
Application

WB 1:1000~1:5000

IHC 1:50~1:200

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.



Western blot analysis of CD55 expression in A549 cell lysate.

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