CD55 Antibody

Catalog No: #35495



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Description CD55 Antibody Product Name Host Species Rabbit Clonality Polyclonal Purification Antibodies were purified by antigen-affinity chromatography. WB Applications **Species Reactivity** Hu Specificity The antibody detects endogenous levels of total CD55 protein. **Recombinant Protein** Immunogen Type Immunogen Description Recombinant fragment corresponding to a region within amino acids 121 and 381 of CD55. Target Name CD55 Other Names CR antibody; CROM antibody; DAF antibody; TC antibody; CD55 antibody; CD55 antigen antibody; decay accelerating factor for complement antibody; complement decay-accelerating factor antibody; "CD55 molecule; decay accelerating factor for complement (Cromer Accession No. Swiss-Prot#:P08174;NCBI Gene#:1604 Uniprot P08174 1604: GeneID SDS-PAGE MW 41kd Concentration 1mg/ml Formulation Rabbit IgG in 1XPBS, 1%BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative. Store at -20°C Storage

Application Details

Western blotting: 1:500-1:3000

Images



Sample (30 ug of whole cell lysate) A: K562 7.5% SDS PAGE #35495 diluted at 1:3000

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