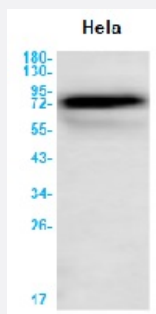


RecomAb™

CD55 recombinant monoclonal antibody, clone R01-7H4

Catalog # RAB01521 Size 100 uL

Applications



Western Blot

Western blot analysis of CD55 in HeLa lysates using human CD55 recombinant monoclonal antibody, clone R01-7H4 (Cat # RAB01521).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human CD55.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CD55
Theoretical MW (kDa)	Calculated MW: 41 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of CD55 in Hela lysates using human CD55 recombinant monoclonal antibody, clone R01-7H4 (Cat # RAB01521).

Gene Info — CD55

Entrez GeneID[1604](#)**Protein Accession#**[P08174](#)**Gene Name**

CD55

Gene Alias

CR, CROM, DAF, TC

Gene Description

CD55 molecule, decay accelerating factor for complement (Cromer blood group)

Omim ID[125240](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

CD55 antigen|decay accelerating factor for complement

Pathway

- [Complement and coagulation cascades](#)

- [Hematopoietic cell lineage](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Chorioamnionitis](#)
- [Down Syndrome](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Rhinitis](#)