

10-6582: Mouse Monoclonal Antibody to CD55 (Clone: 561CT4.2.3)(Discontinued)

Clonality :	Monoclonal
Clone Name :	561CT4.2.3
Application :	WB
Reactivity :	Human
Gene :	CD55
Gene ID :	1604
Uniprot ID :	P08174
Format :	Ascites
Alternative Name :	Complement decay-accelerating factor, CD55, CD55, CR, DAF
Isotype :	Mouse IgG1
Immunogen Information :	Synthetic Peptide

Description

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].

Product Info

Amount :	0.1 ml
Content :	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:500~8000

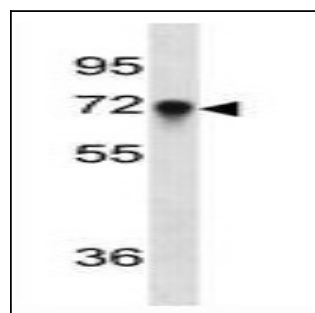


Figure 1: Western blot analysis of CD55 Antibody (10-6582) in HeLa cell line lysates (35 μ g/lane). This demonstrates the CD55 antibody detected the CD55 protein.