

## CD55 / Decay Accelerating Factor (DAF) Antibody

Mouse Monoclonal Antibody [Clone CD55/6795]

Catalog No	Format	Size
1604-MSM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1604-MSM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1604-MSM4-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

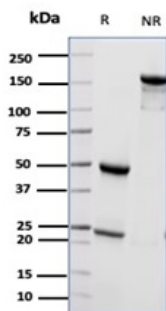
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

### Product Details

<b>Clone</b>	CD55/6795
<b>Gene Name</b>	CD55
<b>Immunogen</b>	Recombinant fragment (around aa1-100) of human CD55 (exact sequence is proprietary)
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG1 / Kappa
<b>Mol. Weight of Antigen</b>	70kDa
<b>Cellular Localization</b>	Cell membrane, Secreted
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Jurkat cells or human lymphocytes. Human lymph nodes and tonsils.

\*Optimal dilution for a specific application should be determined.

### Product Images for CD55 / Decay Accelerating Factor (DAF) Antibody



SDS-PAGE Analysis of Purified CD55 Mouse Monoclonal Antibody (CD55/6795).  
Confirmation of Integrity and Purity of Antibody.

### Specificity & Comments

Recognizes a single chain glycoprotein of 70kDa, identified as CD55/DAF. It is widely expressed on cells throughout the body including leukocytes, erythrocytes, epithelium, endothelium, and fibroblasts. It is a Glycosyl phosphatidylinositol anchored (GPI-anchored) member of the membrane bound complement regulatory proteins that inhibit autologous complement cascade activation. It prevents the amplification steps of the complement cascade by interfering with the assembly of the C3-convertases, C4b2a and C3bBb, and the C5-convertase, C4b2a3b and C3bBb3b. CD55 also serves as receptor for CD97 and for echovirus and Coxsackie B virus. The MAb 143-30 may be used as marker for paroxysmal nocturnal hemoglobinuria (PNH).

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

B Cell Markers, Complement System, Endothelial Cell Marker, Immunology, Mast Cell Marker, Signal Transduction