

CD55 Antibody (DAF)

Catalog No: tcna402



Available Sizes

Size: 20ug

Size: 100ug



Specifications

Application:

FACS, IF, IHC-F

Species Reactivity:

Human. Other species not tested.

Host Species:

Mouse

Immunogen / Amino acids:

PHA stimulated human PBL were used as the immunogen for the CD55 antibody.

Conjugation:

Unconjugated

Clonality:

Monoclonal

Clones:

143-30

Isotype:

Mouse IgG1, kappa

Form:

Liquid

Storage Buffer:

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

Concentration:

0.2 mg/ml

Recommended Dilution:

Flow Cytometry: 0.5-1ug/million cells in 0.1ml

Immunofluorescence: 0.5-1ug/ml

Immunohistochemistry (Frozen): 0.5-1ug/ml for 30 min at RT Optimal dilution of the CD55 antibody should be determined by the researcher.

Storage Instruction:

Store the CD55 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

SwissProt:

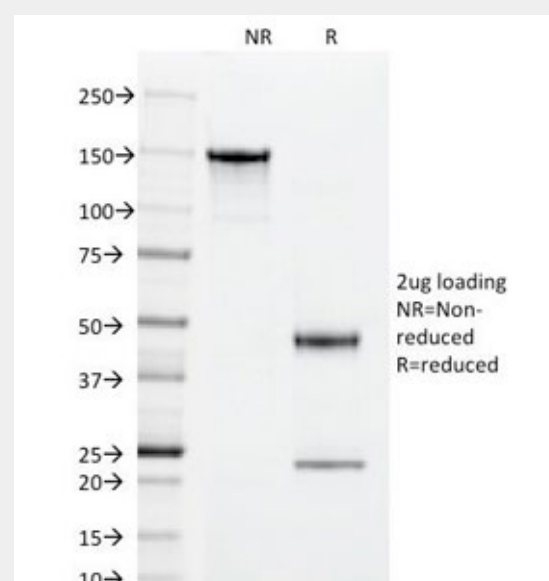
P08174

References

Protein G affinity chromatography

Product Description

Recognizes a single chain glycoprotein of 70kDa, identified as CD55 (also known as decay accelerating factor, DAF). CD55/DAF 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 Cocksackie B virus. The mAb 143-30 can be used as marker for paroxysmal nocturnal hemoglobinuria (PNH).



SDS-PAGE Analysis of Purified, BSA-Free CD55 Antibody (clone 143-30). Confirmation of Integrity and Purity of the Antibody.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!