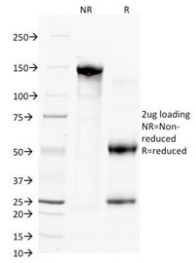
CD38 Antibody [clone FS02] (V3008)

Catalog No.	Formulation	Size
V3008-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3008-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3008SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	FS02
Purity	Protein G affinity chromatography
UniProt	P28907
Localization	Cell surface, cytoplasm and nucleus
Applications	Flow cytometry: 0.5-1ug/10^6 cells Immunofluorescence: 0.5-1ug/ml
Limitations	This CD38 antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free CD38 Antibody (clone FS02). Confirmation of Integrity and Purity of the Antibody.

Description

This antibody reacts with a type II membrane glycopeptide with a transmembrane sequence near the NH2-terminus. CD38 is a type II transmembrane glycoprotein that is present on early B- and T-cell lineages and activated B- and T-cells but is absent from most mature resting peripheral lymphocytes. CD38 is also found on thymocytes, pre-B cells, germinal center B-cells, mitogen-activated T-cells, monocytes and Ig-secreting plasma cells. CD38 is expressed on CD34+ cells. The CD34+CD38- population of hematopoietic stems cells defines the most pluripotent cells (e.g. blast colony forming cells).

Application Notes

Optimal dilution of the CD38 antibody should be determined by the researcher.

Immunogen

Human CD38 was used as the immunogen for the CD38 antibody.

Storage

Store the CD38 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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