



CBI Newsletter

Anti-CD38 (OKT10)

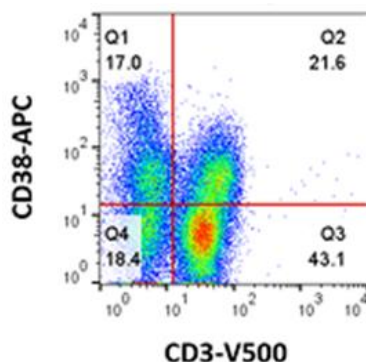
May-2023

Over 2000 articles in the past 5 years !

The **CAPRICO Biotechnologies Inc.** (=CBI) popular clone **OKT10** selectively recognizes the **CD38** antigen which is broadly expressed on all pre-B lymphocytes, plasma cells, thymocytes and monocytes. **CD38** is also expressed in T- and B-acute lymphoblastic leukemia (ALL), Burkitt's lymphoma, multiple myeloma, acute myeloid leukemia (AML), and chronic lymphocytic leukemia (CLL).

The **CBI OKT10 clone** has been used for Cynomolgus bone marrow fractionation by MACS (Hammarlund et al., 2017. Nature Communication).

Our **biotin conjugated CD38 (Cat#100851)** was found highly effective in the fractionation of different CD38+ and CD38-ve cell populations by using MACS microbeads and magnetic LS separation column.



Anti-CD38 can be used in the **Rhesus, Baboon, Cynomolgus, PTM & Squirrel Monkey.**

RBC lysed Baboon blood was stained with Caprico Anti-CD38-APC and Anti-CD3 V500. Lymphocyte population is shown plotted Anti-CD3 vs. Anti-CD38.

Acknowledgement: Flow Data courtesy from our customer "Texas Biomedical Research Institution" under image.

[Our Publication: Plasma cell survival in the absence of B cell memory \(capricobio.com\)](https://capricobio.com)

Caprico
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Our CD38 works great with Omicron Research!

Details in “CELL” publication

Customer Case1 | Citation | Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in rhesus macaques coincides with anamnestic antibody response in the lung

Keywords: SARS-CoV-2/Delta/CD38/B Cell/

Published in the Journal: Cell r, IF. 41.582

Gagne et al., 2022, Cell 185, 113–130

January 6, 2022, 2021 Published by Elsevier Inc.

Read the original text

<https://doi.org/10.1016/j.cell.2021.12.002>

Customer Case2 | Citation | Neonatal SHIV infection in rhesus macaques elicited heterologous HIV-1-neutralizing antibodies

Keywords: HIV/CD38 PE-CF594/Rhesus

Published in the Journal: Cell report, IF. 9.995

Hora et al., 2023, Cell Reports 42, 112255

Read the original text

<https://doi.org/10.1016/j.celrep.2023.112255>

All CD38 conjugations available:

APC	FITC	PE-CF594	iFluor™ 700	iFluor™ 488	PE- Cyanine7	APC- Cyanine7	APC-iFluor™ 700
Biotin	PE	PerCP	mFluor™ 450	iFluor™ 647	Purified	PE- Cyanine5	PerCP-Cyanine5.5

Free samples, 100tests, 200 tests

RUO & ASR available!



**MORE CBI PUBLICATIONS click
HERE**

Meet the CBI team at CYTO! Booth #611



Feature products

- ✦ **TRBC1**- T-cell clonality
- ✦ **CD105**- Stem cell research
- ✦ **FLAER**- PNH research panel
- ✦ **PD1**- different clone of PD1 for research
- ✦ **SuperLysing buffer**
- ✦ **NHP**- non-human primate primary antibodies
- ✦ New generations of small molecule fluorochromes "iFluor®, mFluor®"
- ✦ Over 2000 high quality RUO reagents made in USA
- ✦ Over 800 high quality ASR reagents made in USA
- ✦ Over 250 clones of monoclonal antibodies
- ✦ More than 23 different types of wide spectrum conjugates
- ✦ Custom conjugation/Antibody production/ Antibody Development

MAY-2023

NEW PRODUCTS

Product	Size	Clone	Catalog #
CD62P PE	100Test	P.SEL KO2	125925
CD25 APC	100Test	C-1G3	115645
CD41a PE-CF594	100Test	962C1	1177205
CD25 APC iFluor750	100Test	7G7B6	1026105
CD10 PE-iFluor647	100Test	C-1A12	1149235
CD43 mFluor450	100Test	C-E7A3	1168145



Caprico Biotechnologies is committed to
100% customer satisfaction.

For more information

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