



Flow Cytometry Products and Services

Located in Norcross, GA, Caprico Biotechnologies, Inc. (CBI) provides solutions for immunophenotyping and immunomonitoring applications.

PRODUCTS

Caprico Biotechnologies, Inc. (CBI) produces its own highly purified monoclonal antibodies (mAbs) and secondary polyclonal antibodies (pAbs) for applications that include flow cytometry (FC), immunocytochemistry (ICC), immunoprecipitation (IP), immunohistochemistry (IHC), Western blotting (WB), and Enzyme-Linked Immunosorbent Assays (ELISA).

MONOCLONAL ANTIBODIES

CBI produces a range of purified CD, HLA, and Isotype control mAbs. These mAbs are primarily used in panels for immunity cell markers such as T cells, B cells, NK cells, Dendritic cells and Treg cells.

CONJUGATED MONOCLONAL ANTIBODIES

Standard Fluorophores: Fluorescein isothiocyanate (FITC), Phycoerythrin (PE), Peridinin-chlorophyll-protein complex (PerCP), Allophycocyanin (APC), and Biotin.

Tandem Fluorophores: Peridinin-chlorophyll-protein complex (PerCP)-Cyanine 5.5, and Phycoerythrin (PE)-Cyanine 7.

Unique Fluorophores: iFluor™488, iFluor™647, mFluor™450, and mFluor™540*.

SECONDARY POLYCLONAL ANTIBODIES

CBI's pAbs include Donkey anti-mouse IgG conjugated to different fluorophores such as Fluorescein isothiocyanate (FITC), Biotin, Alkaline phosphatase (AP), horseradish peroxidase (HRP), iFluor™488, iFluor™680 and iFluor™790*.

CBI continues to expand its list of available purified and conjugated monoclonal antibodies

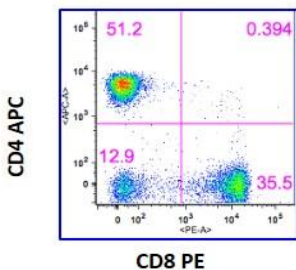
iFluor™ Dyes

iFluor™ dyes span the full UV-visible-IR spectrum. iFluor™ dyes have improved labeling performance compared to the classic fluorescent labeling dyes such as FITC, TRITC, Texas Red® and cyanine dyes. iFluor™ 488 has spectral properties essentially identical to Alexa Fluor® 488. iFluor™ 488 conjugates are prepared using a highly purified single rhodamine isomer which significantly improves their lot to lot consistency. iFluor™ 647 dyes are spectrally similar to Alexa Fluor® 647 and DyLight™ 650 dyes.

mFluor™ Dyes

mFluor™ dyes span the full UV-visible spectrum and designed to be maximally excited by one of the major light sources in flow cytometers such as the violet laser at 405 nm or blue laser at 488 nm. They are excellent alternatives to the phycoprotein-based tandems that are quite difficult to couple to an antibody or other biomolecules. mFluor™ Violet 450 dyes can replace Pacific Blue® dyes and mFluor™ Violet 540 dyes can replace Pacific Orange® and Krome Orange™ dyes because of their nearly identical spectral properties.

T-cell markers



* iFluor/mFluor is a trademark of AAT Bioquest. The excitation and emission profile of iFluor is similar to Alexa® Fluor. mFluor™450 is an alternative to Pacific Blue, mFluor™540 is an alternative to Pacific Orange.

**Additional colors such as PE-iFluor™594, PE-Cyanine5, APC- iFluor™700, APC- iFluor™750 and APC-Cyanine7 will be available soon.



Caprico Biotechnologies

Anti-human Antibody	Clone	FITC	PE	PerCP	APC	Biotin	PerCP Cyanine 5.5	PE Cyanine 7	APC Cyanine 7	iFluor 488	iFluor 647	mFluor 450	mFluor 540
Anti-CD2	OKT11	•	•		•	•	•					•	
Anti-CD3	OKT3	•	•	•	•	•	•						
Anti-CD3	UCHT1	•	•		•			•			•		
Anti-CD4	OKT4	•	•		•	•	•				•	•	
Anti-CD5	OKT1	•	•		•	•	•						
Anti-CD7	4H9	•	•		•	•	•						
Anti-CD7	124-1D1	•	•		•	•	•						
Anti-CD8	OKT8	•	•	•	•	•	•						•
Anti-CD10	FR4D11	•	•		•	•		•					
Anti-CD11a	TS1/22	•											
Anti-CD11b	OKM1	•	•	•	•	•	•				•	•	
Anti-CD11c	3.9	•	•										
Anti-CD13	APN-1464	•	•				•						
Anti-CD14	26ic	•	•	•	•	•	•					•	•
Anti-CD14	M5E2	•											
Anti-CD15	FUT4/815	•											
Anti-CD16	3G8	•	•		•	•	•						
Anti-CD19	4G7	•	•	•	•	•	•						
Anti-CD20	2H7	•	•	•	•	•	•						
Anti-CD22	MYG13	•	•		•	•	•						
Anti-CD25	7G7B6	•	•		•	•							
Anti-CD31	JC70	•											
Anti-CD32	IV.3	•	•		•	•					•		
Anti-CD33	WM53	•	•		•	•		•					
Anti-CD38	OKT10	•	•		•	•							
Anti-CD39	CAT-13.0B10	•											
Anti-CD40	G28-5	•	•										
Anti-CD44	Hermes-3	•	•										
Anti-CD45	F10-89.4	•	•	•	•	•	•		•	•	•	•	•
Anti-CD45RA	OTH-74D4	•	•										
Anti-CD45RO	UCHL1	•											
Anti-CD52	CF-1D12	•											
Anti-CD54	LB-2	•	•		•	•							
Anti-CD55	F4-29D9	•	•		•	•							
Anti-CD56	ERIC-1	•											
Anti-CD57	HNK-1	•	•		•	•							
Anti-CD58	TS2/9	•											
Anti-CD59	BRA-10G	•	•		•	•							
Anti-CD62L	DREG56	•	•		•	•		•					
Anti-CD64	32.2	•											
Anti-CD66b	G10F5	•								•	•		
Anti-CD68	KP1	•											
Anti-CD71	OKT9	•	•		•	•							
Anti-CD74	PIN.1	•											
Anti-CD81	1D6	•	•		•								
Anti-CD83	HB15e	•											
Anti-CD86	BU63	•	•		•								
Anti-CD90	F15-42-1	•	•		•	•							
Anti-CD117	BA7.3C.9	•	•		•	•							
Anti-CD154	5C8	•											
Anti-CD166	3A6	•											
Anti-CD209	UW60.1	•											
Anti-CD235a	GYPA280	•	•		•	•							
Anti-CDw78	BAG-12G2	•											
Anti-HLA-DR	L243	•	•	•	•	•	•	•					
Anti-HLA-ABC	W6/32	•	•		•								
Anti-HLA-DR,DP,DQ	IVA-12	•											
Anti-Ig K Light Chain	TB28-2	•	•										
Anti-Ig A Light Chain	HP6054	•											
Isotype Ctrl IgG1,k	MOPC-31C	•	•	•	•	•	•			•			
Isotype Ctrl IgG2b,k	MPC-11	•	•	•	•	•	•			•			
Isotype Ctrl IgG2a,k	RPC5.4	•	•	•	•	•	•			•		•	

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