



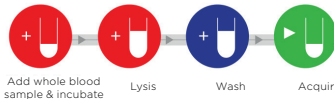
# DURACLONE

## RUO ANTIBODY PANELS

### ADVANCED FLOW CYTOMETRY SOLUTIONS FOR CLINICAL RESEARCH

Dry, unitized, pre-formulated antibody panels for rare event detection, immune function and immune system research

- Lean workflow, no antibody pipetting
- Minimized inventory management
- 25 tests/package including dry single color reagents for compensation
- Ideally suited for use on the CytoFLEX and the Navios Flow Cytometers

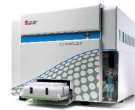


Add whole blood sample & incubate

Lysis

Wash

Acquire



### DURAClone RE for Rare Event Detection

The dry DURAClone RE panels enable sensitive detection of rare abnormal cell populations in blood or bone marrow using carefully optimized and highly dosed antibody combinations.

	405 nm		488 nm				633 nm			
Product - Part Number	PB	KrO	FITC	PE	ECD	PC5.5	PC7	APC	APC-AF700	APC-AF750
<b>RE CLB - B80393</b> Abnormal CD5+ mature B cells	CD20	CD45	CD81	ROR-1	-	CD79b	CD19	CD5	-	CD43
<b>RE PC - B80394</b> Abnormal plasma cells	CD38	CD45	CD81	CD27	-	CD19	CD200	CD138	-	CD56
<b>RE ALB - C00163</b> Abnormal immature B cells	-	CD45	CD58	-	CD34	CD10	CD19	-	CD38	CD20

### DURAClone SC for Human Adult Stem Cell Characterization

The DURAClone SC antibody panels enable rigorous human stem cell characterization in complex biological source materials as well as in enriched cellular products.

	405 nm		488 nm				633 nm				
Product - Part Number	PB	KrO	FITC	PE	ECD	PC5.5	PC7	APC	AF647	AF700	APC-AF750
<b>SC Mesenchymal - C34369</b> 25 tests RUO	CD31	CD14/ CD19	CD90	CD73	CD34	CD146	CD105	-	-	-	CD45
<b>SC Hematopoietic - C49589</b> 25 tests RUO	CD90	CD45	CD38	CD49f	CD34	-	CD10	CD133	-	-	CD45RA

## DURActive Stimulation Kits

The DURActive dry stimulation mixes ensure reliability of the first crucial step in cellular activation assays.

Product - Part Number	Contained Stimulating Agents	Matching DURAClone antibody panel
DURActive 1 - C11101	PMA / Ionomycin / Brefeldin A	DURAClone IF T Activation DURAClone IF T Helper Cell
DURActive 2 - C11102	PMA / Ionomycin	Detection of soluble compounds, DURAClone IF T Activation, DURAClone IF T Helper Cell (using secretion inhibitors such as Monensin)
DURActive 3 - C21857	LPS / Brefeldin A	IF Monocyte Activation

## DURAClone IF for Immune Functional Cytometry

The DURAClone IF panels reveal immune function at the single cell level utilizing a streamlined and simplified staining workflow.

Product - Part Number	405 nm			488 nm				633 nm			
	PB	KrO	FITC	PE	ECD	PC5.5	PC7	APC	AF647	AF700	AF750
<b>IF T Activation - B88649</b> Pro-inflammatory T Cell Cytokines	CD4	-	IFN $\gamma$	TNF $\alpha$	-	-	IL-2	-	-	CD8	CD3
<b>IF T Helper Cell - C04666</b> Signature Th1/Th2/Th17 Cytokines	IL-17A	-	IFN $\gamma$	-	-	-	IL-4	CD4	-	-	CD3
<b>IF Monocytes Activation - C21858</b> Innate Immune Competency	CD14	CD45	-	HLA-DR	-	-	-	-	-	TNF $\alpha$	-
<b>IF Basophil Activation - C23406</b> IgE-mediated Hypersensitivity	CD63	CD45	-	CD203c	-	-	CD3	-	CD294 (CRTH2)	-	-

## DURAClone IM for Immune System Research

The DURAClone IM antibody panels provide a comprehensive image of the immune system applying dry expert-proven antibody combinations that are easy to implement.

Product - Part Number	405 nm			488 nm				633 nm				
	PB	KrO	FITC	PE	ECD	PC5.5	PC7	APC	AF647	AF700	APC-AF700	APC-AF750
<b>IM Phenotyping Basic Tube - B53309</b> Leukocytes overview	-	CD45	CD16	CD56	CD19	-	CD14	CD4	-	CD8	-	CD3
<b>IM B Cell Tube - B53318</b> B cell maturation	IgM	CD45	IgD	CD21	CD19	-	CD27	CD24	-	-	-	CD38
<b>IM T Cell Subsets Tube - B53328</b> T Cell maturation	CD57	CD45	CD45RA	CCR7	CD28	CD279 (PD-1)	CD27	CD4	-	CD8	-	CD3
<b>IM Dendritic Cells Tube - B53351</b> Subpopulations of dendritic cells	HLA-DR	CD45	CD16	Lineage <sup>1</sup>	-	CD1c	CD11c	CD370 (Clec9A)	-	-	CD123	-
<b>IM TCRs Tube - B53340</b> TCR $\alpha\beta$ and $\gamma\delta$ heterodimers	TCRV $\delta$ 2	CD45	TCR $\gamma\delta$	TCR $\alpha\beta$	HLA-DR	-	TCRV $\delta$ 1	CD4	-	CD8	-	CD3
<b>IM Treg Tube - B53346</b> Characterization of regulatory T cells	Helios	CD45	CD45RA	CD25	-	CD39	CD4	-	FoxP3	-	-	CD3
<b>IM Granulocytes Tube - B88651</b> Characterization of granulocytic cells	CD15	CD45	CD294 (CRTH2)	-	CD16	CD33	CD11b	CD274 (PD-L1)	-	-	Lineage <sup>2</sup>	CD62L
<b>IM Count Tube - C00162</b> Viability and absolute leukocyte count	-	-	CD45	Counting Beads	-	7-AAD	-	-	-	-	-	-
<b>IM Innate Lymphoid Cells tube - C96081</b> Subtypes of rare innate lymphoid cells	-	CD45	CD294 (CRTH2)	Lineage <sup>3</sup>	-	CD117	CD335 (NKp46)	CD127	-	-	-	CD161

Lineage<sup>1</sup> CD3 / CD19 / CD20 / CD14 / CD56

Lineage<sup>2</sup> CD3 / CD14 / CD19 / CD56

Lineage<sup>3</sup> CD1a / CD3 / CD14 / CD16 / CD19 / CD34 / CD94 / CD123 / TCR $\alpha\beta$  / TCR $\gamma\delta$  / FC $\epsilon$ R1a

Keys:

PB: Pacific Blue\*  
KrO: Krome Orange

AF647: Alexa Fluor\* 647

AF700: Alexa Fluor\* 700

AF750: Alexa Fluor\* 750

APC-AF700: APC-Alexa Fluor\* 700

APC-AF750: APC-Alexa Fluor\* 750