



## DuraClone IM Panels

For Research Use Only

- Simplified detection of immune sub-populations
- Standardized for use in clinical research studies
- Designed and optimized by The ONE Study



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# Standardize with the experts, adopt DuraClone IM Panels.

Clinical research studies require accurate, reproducible results that can be compared between laboratories and across geographies.



**DuraClone IM Panels raise the bar to a new level of quality and standardization in high content flow cytometry.**



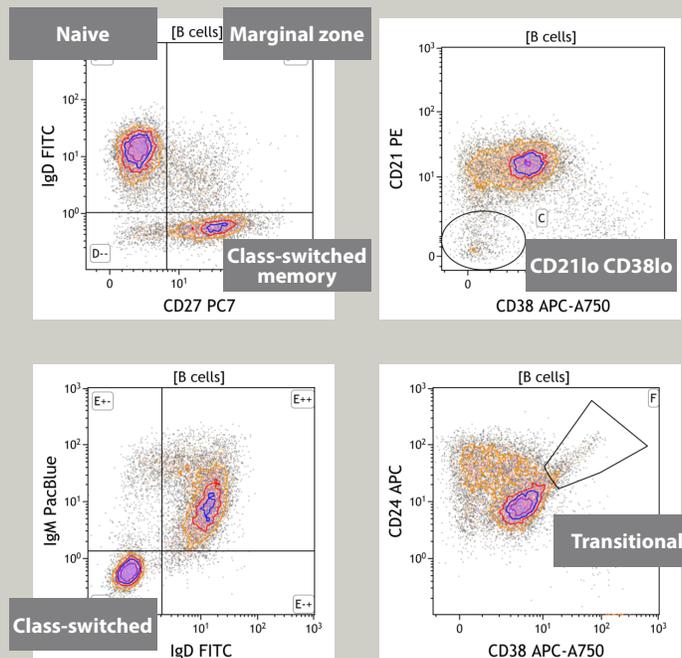
Based on collaborative work with The ONE Study consortium, DuraClone IM marker and dye selections have been designed and optimized by expert flow labs.

[www.onestudy.org](http://www.onestudy.org)

Standardization of whole blood immune phenotype monitoring for clinical trials: panels and methods from the ONE study  
Mathias Streitz, Tewfik Miloud, Michael Kapinsky, Michael R Reed, Robert Magari, Edward K Geissler, James A Hutchinson, Katrin Vogt, Stephan Schlickeiser, Anders Handrup Kverneland, Christian Meisel, Hans-Dieter Volk and Birgit Sawitzki, Transplantation Research 2013, 2:17 doi:10.1186/2047-1440-2-17

## Simplify multicolor staining

Shown at right, DuraClone IM B Cell Tube allows for identification of late maturation stages of B cells, such as: transitional stage, Isotype class switch, naive and memory stages.



# Worry-free compensation for high content flow cytometry.

Banish the idea that high content flow is complicated due to tedious compensation adjustments.

DuraClone IM panels are provided with a robust compensation solution which delivers the standardization and workflow efficiency required for clinical research studies.

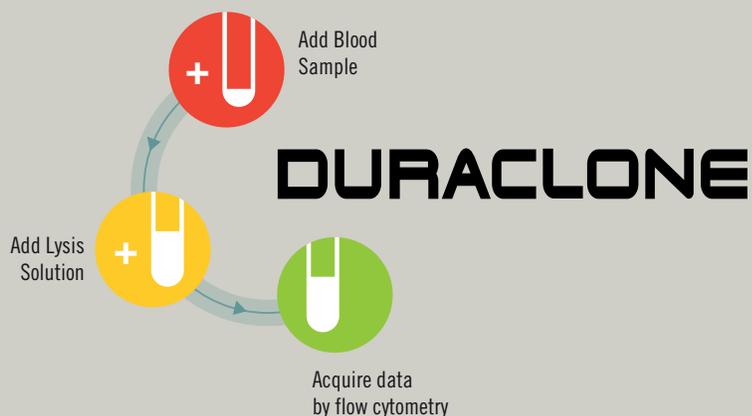
Three dried reagent single color compensation kits are provided in each package of 25 assay tubes. DuraClone IM single color conjugate compensation tubes are color-coded with lot-matched dyes, specific for each panel.



## Reduce hands-on time, waste and rework

Eliminate errors due to manual liquid reagent cocktail preparation with these ready-to-use, unitized dried reagent panels.

The simplified workflow makes DuraClone IM panels the optimal choice for streamlining high content flow cytometry in clinical research studies.



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Premixed, dried reagent cocktails to standardize and streamline flow cytometry workflow for clinical research studies involving the identification of principal populations of the human immune system.

PN	Panels	488 nm					633 nm			405 nm	
		FITC	PE	ECD	PC5.5	PC7	APC	A700 <sup>(1)</sup> APC-A700 <sup>(2)</sup>	APC-A750 <sup>(3)</sup>	Pacific Blue	Krome Orange
B53309	DuraClone IM Phenotyping Basic Tube RUO - 25 tests	CD16	CD56	CD19		CD14	CD4	CD8	CD3		CD45
B53318	DuraClone IM B cell Tube RUO - 25 tests	IgD	CD21	CD19		CD27	CD24		CD38	IgM	CD45
B53328*	DuraClone IM T cell subsets Tube RUO - 25 tests	CD45RA	CCR7	CD28	PD1	CD27	CD4	CD8	CD3	CD57	CD45
B53351*	DuraClone IM Dendritic cell Tube RUO - 25 tests	CD16	Lineage (CD3/CD19/ CD20/CD14/CD56)		CD1c	CD11c	Clec9A	CD123		HLA-DR	CD45

(1) Alexa Fluor 700

(2) APC Alexa Fluor 700

(3) APC Alexa Fluor 750

\* PN B53328 and B53351 are available from December 2014.

Each package includes three complete compensation kits with single color set of compensation reagents, specific for each panel.

Contact your sales representative or visit [www.DuraClone.com](http://www.DuraClone.com)

*fast track to success.*



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