

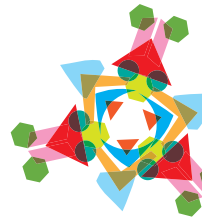
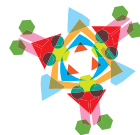


Welcome to  
More Choice



Human  
Small-Scale Panels

Choose from our extensive portfolio of  
high-quality fluorescent-conjugated reagents  
to build your multicolor flow cytometry panels.



### Welcome to a More Colorful World<sup>SM</sup>

Visit [bdbiosciences.com/choice](https://bdbiosciences.com/choice) to see our extensive portfolio of both new and existing reagents. Then choose reagents to build panels that suit your unique research needs.

These panels were designed based on the general principles of multicolor panel design and have not been tested experimentally at BD Biosciences. Users are encouraged to design and optimize their panels based on their specific instrument and experimental design.

These panels are provided as examples only.



## Human Panels

### B Cells

#### 6 Color

Specificity	Clone	Format	Size	Cat. No.
CD5	UCHT2	Alexa Fluor® 700	50 tests	561159
CD19	HIB19	BD Horizon™ V450	30 tests	560354
CD20	2H7	APC	25 tests	560900
CD45	HI30	BD Horizon™ V500	25 tests	560779
Ig, light chain κ	G20-193	PE	100 tests	555792
Ig, light chain λ	JDC-12	FITC	100 tests	555796

Visit [bdbiosciences.com/colors](https://bdbiosciences.com/colors) for the most up-to-date product listings.

### B Cells

#### 4 Color

Specificity	Clone	Format	Size	Cat. No.
CD19	HIB19	Alexa Fluor® 700	25 µg	561031
CD45	HI30	PE-Cy™7	25 tests	560915
Ig, light chain κ	G20-193	PE	100 tests	555792
Ig, light chain λ	JDC-12	FITC	100 tests	555796

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## Human Panels

### T Cells

#### 6 Color

Specificity	Clone	Format	Size	Cat. No.
CD2	RPA-2.10	PerCP-Cy™5.5	50 tests	560643
CD3	UCHT1	Alexa Fluor® 700	25 µg	561027
CD5	UCHT2	APC	25 tests	561003
CD7	M-T701	PE	100 tests	555361
CD8	HIT8A	FITC	25 tests	560960
CD45	HI30	BD Horizon V450	30 tests	560368

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### T Cells

#### 4 Color

Specificity	Clone	Format	Size	Cat. No.
CD3	UCHT1	Alexa Fluor® 700	25 µg	561027
CD4	RPA-T4	FITC	25 tests	561005
CD8	HIT8A	PE	25 tests	560959
CD45	HI30	BD Horizon V450	30 tests	560368



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## Human Panels

### Dendritic Cells

#### 6 Color

Specificity	Clone	Format	Size	Cat. No.
CD11c	B-ly6	APC	25 tests	560895
CD16	3G8	BD Horizon V450	30 tests	560475
CD56	NCAM 16.2	PE	50 tests	340363
CD123	7G3	PerCP-Cy5.5	25 tests	560904
HLA-DR	G46-6	Alexa Fluor® 700	50 tests	560743
Lin-3 Cocktail	—	FITC	50 tests	643510

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### Dendritic Cells

#### 4 Color

Specificity	Clone	Format	Size	Cat. No.
CD11c	B-ly6	APC	25 tests	560895
CD123	7G3	PE	25 µg	561058
HLA-DR	G46-6	Alexa Fluor® 700	50 tests	560743
Lin-1 Cocktail	—	FITC	50 tests	340546

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## Human Panels

### Myeloid Cells

#### 6 Color

Specificity	Clone	Format	Size	Cat. No.
CD13	WM15	APC	100 tests	557454
CD15	HI98	FITC	25 tests	560997
CD16	3G8	PerCP-Cy5.5	50 tests	560717
CD33	WM53	Alexa Fluor® 700	50 tests	561160
CD45	HI30	PE-Cy7	25 tests	560915
CD64	10.1	PE	100 tests	558592

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### Myeloid Cells

#### 4 Color

Specificity	Clone	Format	Size	Cat. No.
CD13	WM15	APC	100 tests	557454
CD15	HI98	FITC	25 tests	560997
CD16	3G8	PE	25 tests	560995
CD45	HI30	PE-Cy7	25 tests	560915



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## Human Panels

### NK Cells

#### 6 Color

Specificity	Clone	Format	Size	Cat. No.
CD3	UCHT1	Alexa Fluor® 700	25 µg	561027
CD8	RPA-T8	PE-Cy7	25 tests	560917
CD16	3G8	BD Horizon V450	30 tests	560475
CD45	HI30	BD Horizon V500	25 tests	560779
CD56	NCAM 16.2	PE	50 tests	340363
CD57	NK-1	APC	50 tests	560845

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### Hematopoietic Stem Cells (HSCs)

#### 4 Color

Specificity	Clone	Format	Size	Cat. No.
CD34	581	APC	25 tests	560940
CD38	HIT2	PerCP-Cy5.5	25 µg	561106
CD90	5E10	PE	0.1 mg	555596
Lineage Cocktail	—	FITC	50 tests	340546

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## Human Panels

### Mesenchymal Stem Cells (MSCs) - Positive and Negative Markers

#### 4 Color

Specificity	Clone	Format	Size	Cat. No.
CD11b	ICRF44	APC	25 tests	561015
CD19	HIB19	APC	100 tests	555415
CD34	581	APC	25 tests	560940
CD45	HI30	APC	25 tests	560973
CD73	AD2	PE	25 tests	561014
CD90	5E10	FITC	100 µg	555595
CD105	266	PerCP-Cy5.5	100 tests	560819
HLA-DR	L243 (G46-6)	APC	25 tests	560896

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### Mesenchymal Stem Cells (MSCs) - Positive Markers

#### 5 Color

Specificity	Clone	Format	Size	Cat. No.
CD44	G44-26	APC-H7	50 tests	560532
CD73	AD2	PE	25 tests	561014
CD90	5E10	FITC	100 µg	555595
CD105	266	PerCP-Cy5.5	100 tests	560819
CD271	C40-1457	Alexa Fluor® 647	25 tests	560877



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## Human Panels

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### Mesenchymal Stem Cells (MSCs) - Negative Markers

#### 5 Color

Specificity	Clone	Format	Size	Cat. No.
CD14	M5E2	PerCP-Cy5.5	25 µg	561116
CD19	HIB19	FITC	25 tests	560994
CD34	581	APC	25 tests	560940
CD45	2D1	APC-H7	25 tests	560274
HLA-DR	L243 (G46-6)	PE	25 tests	560943

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## Human Panels

### Pluripotent Stem Cells

#### 4 Color

Specificity	Clone	Format	Size	Cat. No.
Tra-1-60	TRA-1-60	BD Horizon V450	50 tests	561153
Tra-1-81	TRA-1-81	PE	25 tests	560885
SSEA-3	MC631	FITC	25 tests	560881
SSEA-4	MC813-70	Alexa Fluor® 647	100 tests	560796

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### Pluripotent Stem Cells

#### 4 Color

Specificity	Clone	Format	Size	Cat. No.
Nanog	N31-355	Alexa Fluor® 647	50 tests	561300
SSEA-1	MC480	PE	25 tests	560886
Tra-1-60	TRA-1-60	BD Horizon V450	50 tests	561153
Tra-1-81	TRA-1-81	FITC	25 tests	560883



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