

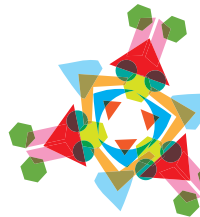
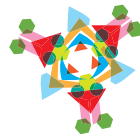


Welcome to
More Choice



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 WorldSM

Visit 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 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 |

Visit bdbiosciences.com/colors for the most up-to-date product listings.

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 |

Visit bdbiosciences.com/colors for the most up-to-date product listings.

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 |

Visit bdbiosciences.com/colors for the most up-to-date product listings.

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 |

Visit bdbiosciences.com/colors for the most up-to-date product listings.

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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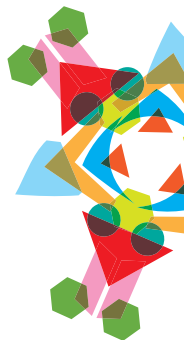
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