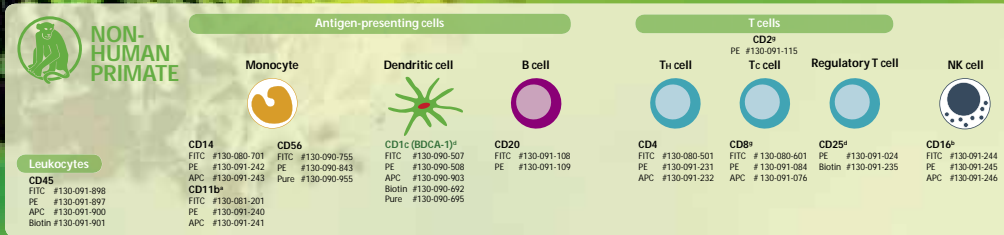
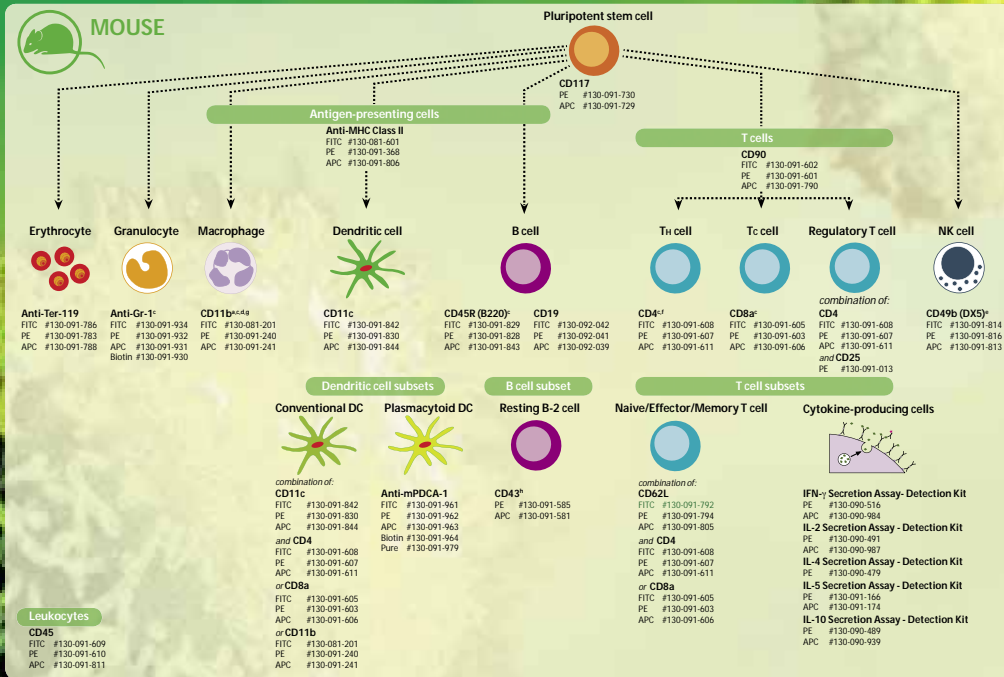




Animal Cell Detection

www.miltenyibiotec.com



Recommended antibodies are the best choice for cell type detection in lymphoid tissue (mouse) and blood (non-human primate).

- Antigen also expressed on:
- a Granulocytes
 - b Monocytes/Macrophages
 - c Dendritic cell subset
 - d B cell subset
 - e T cell subset
 - f Regulatory T cells
 - g NK cells or NK cell subset
 - h not on resting B cells

Indirect labeling

Anti-Biotin
FITC #130-090-857
PE #130-090-756
APC #130-090-856

Fluorescence amplification

FASEK Kit
FITC #130-091-763
PE #130-091-764
APC #130-091-762

Intracellular staining

Inside Stain Kit
#130-090-477

Dead cell staining

Fixation and Dead Cell Discrimination Kit
#130-091-163

MACS® Antibodies and solutions for cell detection

Miltenyi Biotec

For more information, contact Miltenyi Biotec or visit our website www.miltenyibiotec.com

Miltenyi Biotec GmbH
Friedrich-Ebert-Str. 68
51429 Bergisch Gladbach,
Germany
Phone +49 2204 8306-0
Fax +49 2204 85197
mcs@miltenyibiotec.de

Miltenyi Biotec Inc.
12740 Earhart Avenue
Auburn CA 95602, USA
Phone 800 FOR MACS,
530 888 8871
Fax 530 888 8925
mcs@miltenyibiotec.com

Miltenyi Biotec Pty. Ltd. (Australia)
Phone 02 8877 7400
mcs@miltenyibiotec.com.au

Miltenyi Biotec Shanghai Office
Phone 021 6235 1005
miltenyibiotec@china.com

Miltenyi Biotec (France)
Phone 01 56 98 16 16
mcs@miltenyibiotec.fr

Miltenyi Biotec S.r.l. (Italy)
Phone 051 646 0411
mcs@miltenyibiotec.it

Miltenyi Biotec K.K. (Japan)
Phone +81 3 56 46 8910
mcs@miltenyibiotec.jp

Miltenyi Biotec Asia Pacific Pte. Ltd. (Singapore)
Phone +65 6238 8183
mcs@miltenyibiotec.com.sg

Miltenyi Biotec S.L. (Spain)
Phone 91 512 12 90
mcs@miltenyibiotec.es

Miltenyi Biotec Ltd. (UK)
Phone 01483 799 800
mcs@miltenyibiotec.co.uk



130-091-982/03

Miltenyi Biotec





Human Cell Detection

www.miltenyibiotec.com



Stem cell and early progenitor cells

CD133/1 (AC133) PE #130-080-801 APC #130-090-826 Biotin #130-090-664 Pure #130-090-422	CD133/2 (293C3) PE #130-090-853 APC #130-090-854 Biotin #130-090-852 Pure #130-090-851	CD271 (LNGFR) FITC #130-091-917 PE #130-091-885 APC #130-091-884
--	--	---

CD117 (A3C6E2) PE #130-091-734 APC #130-091-733

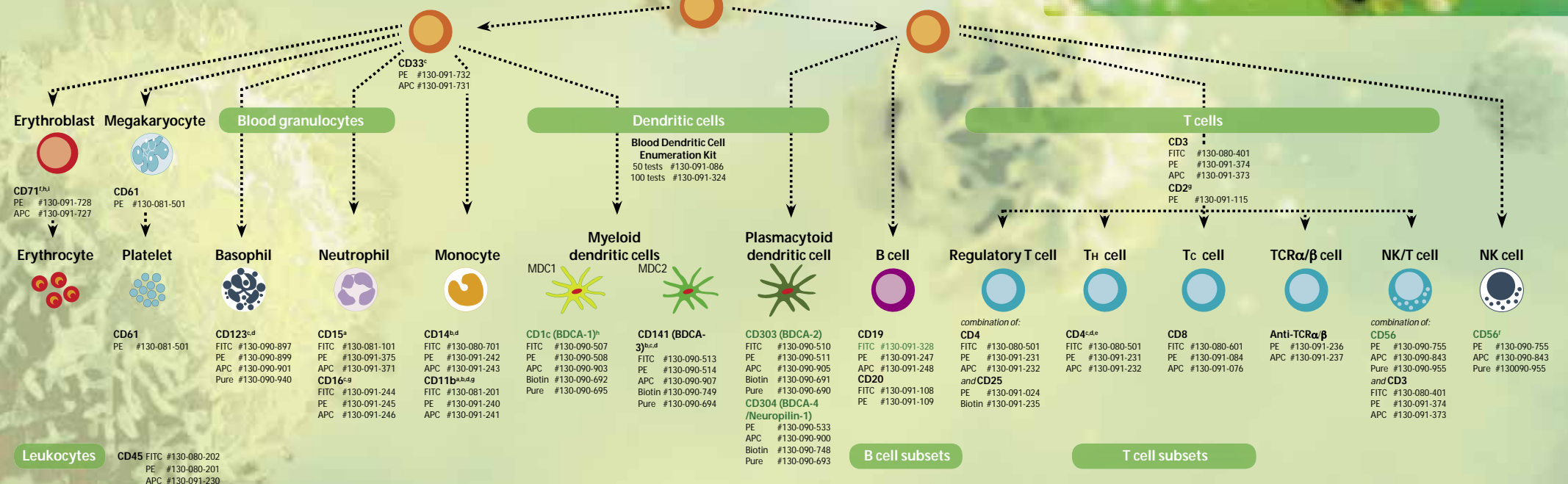
Stem cell, early and late progenitor cells

CD34 FITC #130-081-001 PE #130-081-002 APC #130-090-954
--

Myeloid progenitor cell

Hematopoietic stem cell

Lymphoid progenitor cell



Recommended antibodies are the best choice for cell type detection in blood.

not recommended for staining of cells that are labeled for the same antigen by MACS® MicroBeads

Antigen also expressed on:

- | | | |
|--------------------------------|--|-----------------|
| a Eosinophil granulocytes | d Dendritic cells or dendritic cell subset | g NK cells |
| b Neutrophil granulocytes | e Regulatory T cells | h B cell subset |
| c Monocytes or monocyte subset | f T cell subset | i Reticulocytes |

Indirect labeling

Anti-Biotin
FITC #130-090-857
PE #130-090-756
APC #130-090-856

Fluorescence amplification

FASER Kit
FITC #130-091-763
PE #130-091-764
APC #130-091-762

Dead cell staining

Fixation and Dead Cell Discrimination Kit
#130-091-163

Intracellular staining

Inside Stain Kit
#130-090-477

Resting/Activated B cell



combination of: CD19

FITC #130-091-328
PE #130-091-247
APC #130-091-248
and CD25
PE #130-091-024
Biotin #130-091-235
or CD30
PE #130-081-401

Plasma Cell



CD138
PE #130-081-301
APC #130-091-250

combination of:
CD4 (FITC #130-080-501, PE #130-091-231, APC #130-091-232) and CD8 (FITC #130-080-601, PE #130-091-084, APC #130-091-076)

Naive/Effector/Memory T cell

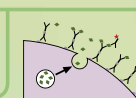
CD62L (FITC #130-091-757, PE #130-091-756, APC #130-091-755)

Activated T cell

CD25 (PE #130-091-024, Biotin #130-091-235)
CD30 (PE #130-081-401)

Differentiated Th2 cell

Anti-CRTH2 (PE #130-091-238, Biotin #130-091-239)



Cytokine Secretion Assay

IFN-γ Secretion Assay - Detection Kit
FITC #130-090-433
PE #130-054-202
APC #130-090-762

IL-2 Secretion Assay - Detection Kit
PE #130-090-487
APC #130-090-763

IL-4 Secretion Assay - Detection Kit
PE #130-054-102

IL-10 Secretion Assay - Detection Kit
PE #130-090-434
APC #130-090-761

TNF-α Secretion Assay - Detection Kit
PE #130-091-268
APC #130-091-267

Intracellular staining

Anti-IFN-γ
FITC #130-091-641
PE #130-091-653
APC #130-091-640

Anti-IL-2
PE #130-091-646
APC #130-091-644

Anti-TNF-α
FITC #130-091-650
PE #130-091-651
APC #130-091-649

Anti-IL-4
Anti-IL-5
Anti-IL-10
coming soon