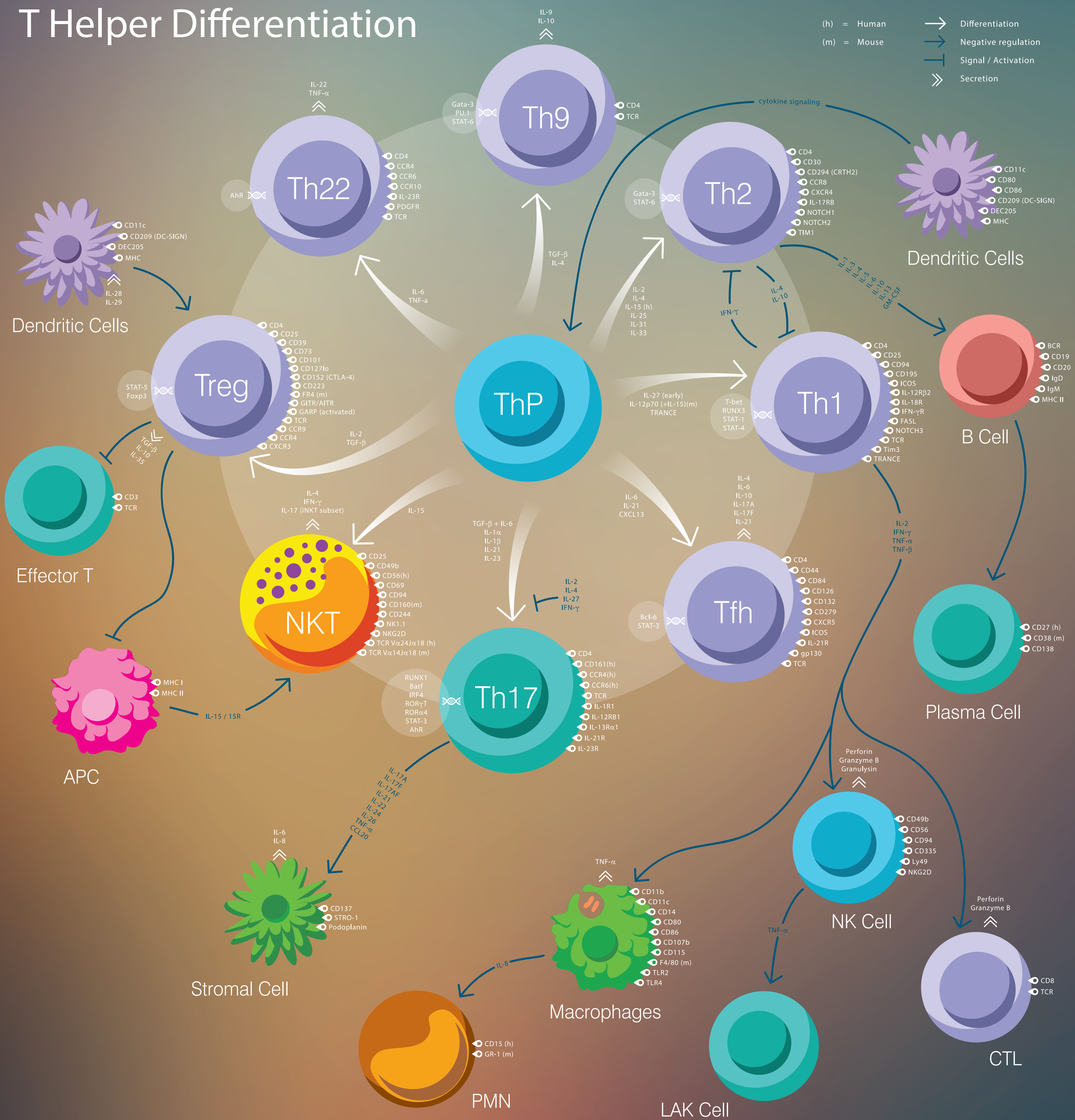


# T Helper Differentiation



**TONBO**  
biosciences



Think Tonbo for your flow cytometry and immunology reagent needs!

Nous contacter

## Frequencies of Common Cell Types in Human Peripheral Blood

Cell Type	Frequency* (x 10 <sup>6</sup> cells/mL)	Percent (of leukocytes)
Lymphocytes	1.1 - 3.5	14 - 47%
T Cells	0.54 - 1.79	7 - 24%
CD4 <sup>+</sup> T Cells	0.30 - 1.50	4 - 20%
Tregs	0.007 - 0.052	0.1 - 0.7%
CD8 <sup>+</sup> T Cells	0.14 - 0.82	2 - 11%
B Cells	0.07 - 0.53	1 - 7%
Plasma Cells	NA in blood	0.2 - 2.0% (in bone marrow)
NK Cells	0.08 - 0.43	1 - 6%
Dendritic Cells	0.02 - 0.06	0.3 - 0.9%
Myeloid Cells	3.9 - 6.5	53 - 86%
Monocytes	0.20 - 0.09	2 - 12%
Granulocytes	2.13 - 6.35	35 - 80%
Neutrophils	2.09 - 5.97	30 - 80%

\*frequencies vary by donor

## Density of Major Human Lymphocyte Surface Antigens

Subset	Antigen	Density
Lymphocytes	CD3	32,000
	CD4	36,400
	CD8	65,500
	CD19	7,800
T Cells (CD3 <sup>+</sup> , CD4 <sup>+</sup> Lymphocytes)	CD25	600
	CD25 <sup>(hi)</sup>	3,400
	CD27	10,900
	CD28	7,700
	CD45RA	33,400
	CD45RO	12,600
	CD122	5,300
	CD127	2,000
	CD132	400
	CD194 (CCR4)	2,500
CD197 (CCR7)	2,000	
B Cells (CD19 <sup>+</sup> Lymphocytes)	CD20	24,600
	CD24 <sup>(mid)</sup>	3,000
	CD24 <sup>(hi)</sup>	16,100
	CD27	3,200
	CD38	2,800
	CD38 <sup>(hi)</sup>	15,900
	CD138	400
Antibodies	IgD <sup>(mid)</sup>	4,900
	IgD <sup>(hi)</sup>	23,800
	IgG	28,100
	IgM	3,800
	IgM	3,800

**OZYME**  
Des femmes et des hommes au service de vos recherches

Service client - commande : commande@ozyme.fr

Service technique : Réactifs : 01 34 60 60 24 - tech@ozyme.fr - Instrumentation : 01 30 85 92 88 - instrum@ozyme.fr

