

# multiPro™ Fixed Cell Immune Profiling Antibody Cocktail

Catalog No. G900004

## ANALYZE THE FOLLOWING:

- **Cytokines** driving inflammation in a wide range of diseases and host response pathways. Examples include: TNF $\alpha$ , IFN $\gamma$ , IL-17A, IL-6, IL-1B
- **Transcription factors** that drive critical immune responses. Examples: NFKB2, T-bet, IRF4, SPI1
- **Cytosolic proteins** that regulate adaptive immune responses. Examples: SYK, SRC, ZAP70
- **Cell surface proteins** for immune cell phenotyping. Examples: CD3, CD4, CD8, CD19, CD40, CD86

Cocktail contains 53 antibodies against cellular targets and 5 isotype control antibodies.

Compatible\* with the 10x Genomics<sup>®</sup> Chromium Single Cell Gene Expression Flex product, providing both multiplexed protein and mRNA readouts at single-cell resolution.

## COMING SOON:

### Customization options:

Hundreds of additional antibodies available to add-on targeting:

Cell surface proteins, cytokines, transcription factors, and other intracellular proteins

**Fully validated individual oligo-conjugated antibodies sold independently**

**Custom conjugation and cocktailing services**

## 10x Genomics Product Compatibility:

Product	Size	Catalog No.
Next GEM Single Cell Fixed RNA Sample Preparation Kit	16 rxns	PN-1000414
Next GEM Chip Q Single Cell Kit	48 rxns	PN-1000418
	16 rxns	PN-1000422
Fixed RNA Kit, Human Transcriptome	4 rxns x 4 BC	PN-1000475
	4 rxns x 16 BC	PN-1000476
Fixed RNA Feature Barcode Multiplexing Kit	64 rxns	PN-1000628
Dual Index Kit TS Set A	96 rxns	PN-1000251
Dual Index Kit TN Set A	96 rxns	PN-1000250

## Use:

Lyophilized cocktail is reconstituted and applied directly to fixed and permeabilized cells.

Cells are washed and are ready for the 10x Genomics Single Cell Gene Expression Flex workflows.

## Kit Format:

4 single-use vials, each containing enough lyophilized cocktail to stain  $1 \times 10^6$  cells.

More information and ordering



For more information, contact [genomics.inquiries@ptglab.com](mailto:genomics.inquiries@ptglab.com)

\* This product is solely for use with products sold by 10x Genomics<sup>®</sup>, Inc.

# multi<sup>pro</sup>™ Human Fixed Cell Immune Profiling Antibody Cocktail Targets

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Secreted	Clone	Expressed by*
IFNG	1E10G7	T cells, NK cells, APCs, ILCs
IL-1B	2A1B4	Neutrophils, APCs
IL-17A	1F3E3	Th17 cells, ILCs, NK cells
IL-6	4G3E6	T cells, APCs, fibroblasts
IL-8	Polyclonal	APCs, Epithelial cells, T cells
S100A4	2G11B4	Leukocytes
TGFBI	3E11D11	Leukocytes
TNFA	7B8A11	APCs, T cells, NK cells
Nuclear	Clone	Expressed by*
AHNAK	Polyclonal	DCs, T cells, basophils
BACH1	2D12A4	Neutrophils, APCs, NK cells
IRF4	Polyclonal	T cells, APCs
MAFB	Polyclonal	Monocytes/Macrophages
NFKB2	6A10E9	Ubiquitous
POU2AF1	3C5A7	B cells, Airway epithelial cells
SPI1	2H3D3	Granulocytes, Monocytes, B cells, NK cells
T-bet	Polyclonal	NK cells, T cells, B cells
Cytosolic	Clone	Expressed by*
AIF1	Polyclonal	APCs, T cells
LASP1	1G4B6	Leukocytes
SRC	5E10C4	T cells, B cells
SYK	4C4A12	Monocytes, B cells, NK cells
VIM	3H9D1	Mesenchymal cells
ZAP70	1A11G9	NK cells, T cells, B cells
Controls	Clone	
Rabbit IgG	Polyclonal	
Mouse IgG2b	11B8C4	
Mouse IgG3	1H4A5	
Mouse IgG2a	11A1B2	
Mouse IgG1	1F8D3	

Surface	Clone	Expressed by*
ANXA2	1C1E12	Basophils, Macrophages, T cells, DCs
CD11a	TS2/4	Leukocytes
CD11b	ICRF44	Granulocytes, Monocytes/Macrophages
CD11c	3.9	DCs, B cells
CD13	WM15	Granulocytes, Monocytes
CD16	3G8	NK cells, Monocytes, Neutrophils
CD18	TS1/18	Leukocytes
CD19	HIB19	B cells
CD2	TS1/8	NK cells, T cells
CD21	BU32	B cells
CD27	1C1G3	Treg, T cells, B cells
CD28	CD28.2	T cells, NK cells
CD35	E11	B cells, T cells, Monocytes, Granulocytes
CD3E	OKT3	T cells
CD4	RPA-T4	pDCs, Monocytes, mDCs, T cells
CD40	G28.5	APCs
CD43	2A11D6	Leukocytes
CD44	F10-44-2	Ubiquitous
CD45	HI30	Lymphocytes
CD45RA	F8-11-13	B and T cells
CD5	UCHT2	T cells
CD54	15.2	Monocytes, NK cells, DCs
CD63	TS63	Basophils, Monocytes, NK cells, T cells
CD64	10.1	Monocytes, DCs
CD7	4H9	NK cell, T cell
CD71	3C11F11	Monocytes, B cells
CD81	5A6	Leukocytes
CD83	HB15e	APC B cells
CD86	BU63	Monocytes, B cells
CD8A	UCHT4	T cells
HLA-DRA	L243	APCs

APCs = Antigen Presenting Cells, ILCs = Innate Lymphoid Cells

DCs = Dendritic Cells, NK = Natural Killer Cells

\* Non-exhaustive list

More information  
and ordering



For more information, contact [genomics.inquiries@ptglab.com](mailto:genomics.inquiries@ptglab.com)  
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