

multi^{pro}™ Fixed Cell Immune Profiling Antibody Cocktail

Catalog No. G900004

- First commercially available antibody cocktail that targets both cell surface and intracellular proteins.
- Lyophilized cocktail of 58 DNA conjugated monoclonal and polyclonal antibodies.
- Cocktail contains 53 antibodies against cellular targets and 5 isotype control antibodies.
- Compatible* with the 10x Genomics® Chromium Single Cell Gene Expression Flex product, providing both multiplexed protein and mRNA readouts at single-cell resolution.

Readout:

Next Generation Sequencing - Illumina or Element

Run format: R1 x 48 cycles | Index1 x 10 cycles | Index2 x 10 cycles | R2 x 50 cycles

Kit Format:

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

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.

More information
and ordering



For more information, contact genomics.inquiries@ptglab.com

* This product is solely for use with products sold by 10x Genomics®, Inc.

multi^{pro}™ 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
SP1	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	H1B19	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

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