

multiPro[®] Human Discovery Panel

347 DNA-barcoded antibodies for single cell multiomics

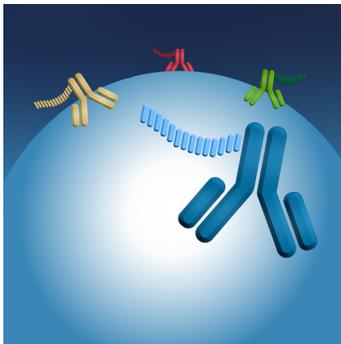
Catalog No. G900150

Highlights

- Simultaneously perform protein and gene expression profiling and map both back to individual cells
- Profile 326 unique proteins involved in many critical pathways, functions, processes, and disease states
- Compatible with 10x Genomics Chromium Single Cell Gene Expression Flex (Next Gem and GEM-X)

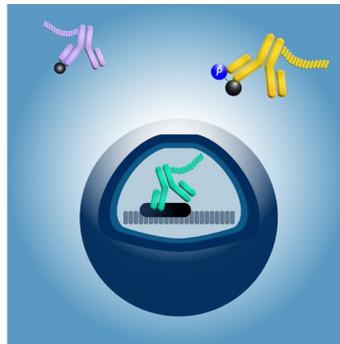
Workflow

Step 1: Cell Surface Stain



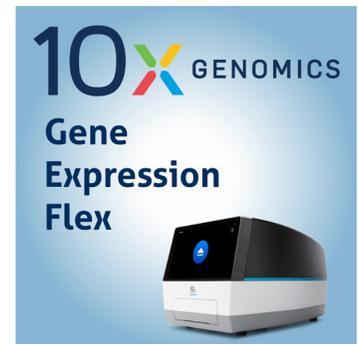
Fix & Perm

Step 2: Intracellular Stain

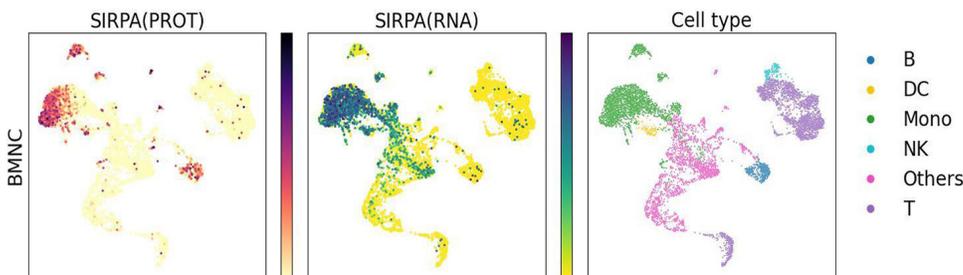


Wash

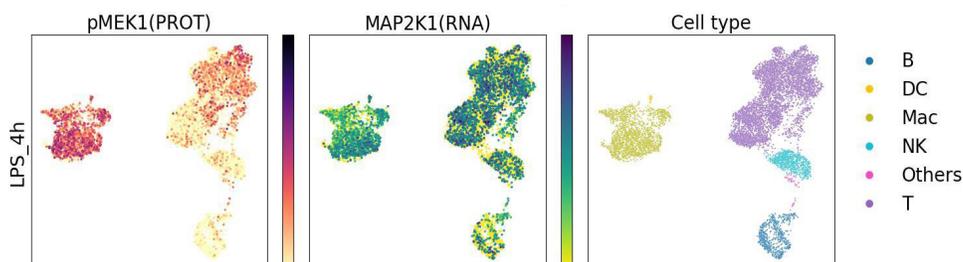
Step 3: Single Cell Flex



Example Data



Signal Regulatory Protein Alpha (SIRPA) expressed in human bone marrow cells



Phosphorylated MAP kinase kinase 1 expressed in LPS stimulated human PBMCs

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Panel Content

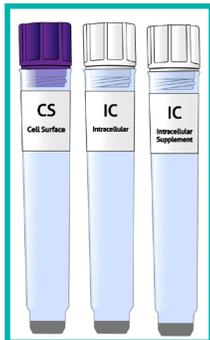
Explore Diverse Biomarkers

Apoptosis	Cancer
Cell growth/division	Autophagy
Metabolic regulation	DNA repair
MAPK/ERK Pathway	Wnt signaling
Hematopoiesis	Lysosomal
Immune	Neuronal

Biomarker Type

Biomarker Type	No. Antibodies
Transcription Factors	68
Nuclear proteins	49
Phosphoproteins	18
Secreted proteins	25
Cell Surface proteins	111
Intracellular proteins	236

Kit Format



Each reaction stains up to 2M cells and contains:

1. Cell Surface (CS) Cocktail - Contains antibodies against cell surface proteins only.
2. Intracellular (IC) Cocktail - Contains antibodies against cell surface and intracellular proteins.

Total Number of Antibodies per Reaction

Cell Surface Cocktail	87
Intracellular Cocktail	255
Isotype Controls	5

As low as
\$495/RXN

Compatibility

10x Genomics Flex Product Compatibility:

Product	User Guide
GEM-X	CG000789 Rev A
Next GEM	CG000673 Rev B

Product	PN	Price/rxn	Total
4 rxns	G900150-4RXN	\$555	\$2220
16 rxns	G900150-16RXN	\$495	\$7920

- Antibody Manifest
- Data
- Ordering

