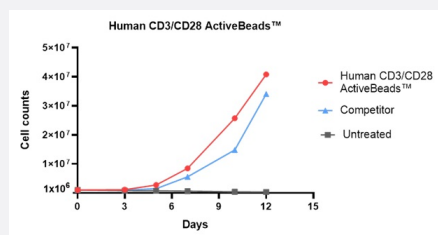


Human CD3/CD28 ActiveBeads™

Catalog # U0576

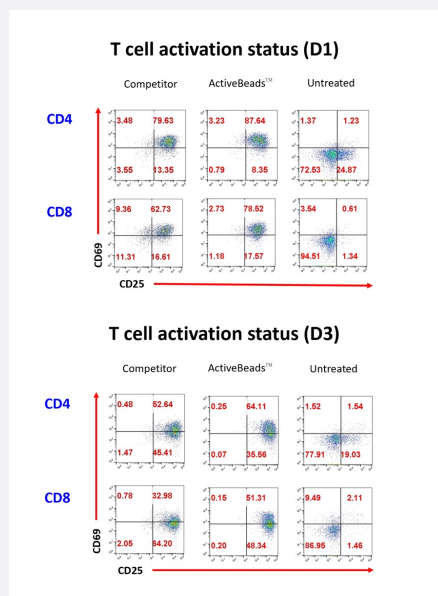
Size

Applications



Stimulation

Human CD3/CD28 ActiveBeads™ comparative data for T cell expansion.



Stimulation

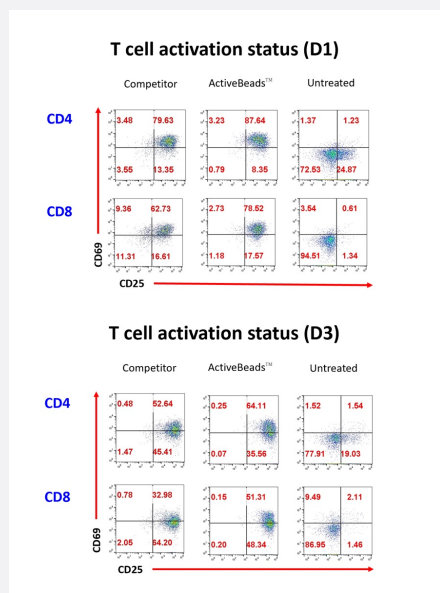
Day 1 and Day 3 after stimulation, activation status of CD4 and CD8 T cells of Human CD3/CD28 ActiveBeads™ outperform the competitors.

Microscopic residual ActiveBeads™ count after magnetic separation is 45 beads/3x10⁶ T cells (<100 beads/3x10⁶ T cells FDA requirement).

Stimulation

Day 1 and Day 3 after stimulation, activation status of CD4 and CD8 T cells of Human CD3/CD28 ActiveBeads™ outperform the competitors.

Microscopic residual ActiveBeads™ count after magnetic separation is 45 beads/3x10⁶ T cells (<100 beads/3x10⁶ T cells FDA requirement).



Specification

Product Description	Human CD3/CD28 ActiveBeads™ induce T cell activation in enriched T cells or PBMCs.
Suitable Sample	Enriched T cells or PBMCs
Cell Type	T Cells
Product Type	CD3/CD28 T-Activator
Particle Core	Magnetic beads
Antibody Conjugation	Humanized anti-human CD3 and anti-human CD28 monoclonal antibodies
Capacity	Up to 1x10 ⁸ / enriched T cells or up to 2x10 ⁸ PBMCs
Concentration	4x10 ⁸ Beads/ mL
Reactivity	Human
Form	Liquid
Regulatory Status	For research use only (RUO)
Storage Buffer	In PBS containing Human Serum Albumin (HSA), pH 7.4
Storage Instruction	Store at 4°C. Do not freeze.

Applications

- Stimulation

Human CD3/CD28 ActiveBeads™ comparative data for T cell expansion.

- Stimulation

Day 1 and Day 3 after stimulation, activation status of CD4 and CD8 T cells of Human CD3/CD28 ActiveBeads™ outperform the competitors.

Microscopic residual ActiveBeads™ count after magnetic separation is 45 beads/ 3×10^6 T cells (<100 beads/ 3×10^6 T cells FDA requirement).

- Stimulation

Day 1 and Day 3 after stimulation, activation status of CD4 and CD8 T cells of Human CD3/CD28 ActiveBeads™ outperform the competitors.

Microscopic residual ActiveBeads™ count after magnetic separation is 45 beads/ 3×10^6 T cells (<100 beads/ 3×10^6 T cells FDA requirement).