T cell activation/expansion product guide Expand your capabilities



Dynabeads® T cell expansion technology mimics *in vivo* activation and expansion. Our superior T cell activation and expansion tools are available for basic and clinical research involving human or mouse T cells. Find the ideal tool for your application at www.invitrogen.com/cellisolation.

		Features			·S	Recommended starting sample				For activation/expansion of						
Product	Species	Ab clones	Isolation	Activation	Expansion	Leukopheresis product/ elutriation	MNC/PBMC from whole blood or buffy coat	CD3 ⁺ T cells, CD4 ⁺ or CD8 ⁺ T cell subsets, Treg cells, T cell clones	CD3+T cells	Naive T cells	Activated T cells (CD4* or CD8*)	T cell clones (CD4* or CD8*)	Memory T cells (CD4 ⁺ or CD8 ⁺)	Treg cells (CD4 ⁺)	Cat. no.	Notes
Dynabeads® Mouse CD3/CD28 T Cell Expander	Mouse			•	•		•	•	•	•	•	•	•	0	114.52D (2 ml), 114.53D (10 ml)	
Dynabeads® CD3/CD28 T Cell Expander	Human			•	•		•	•	•	•	•	•	•	•	111.31D (2 ml), 111.32D (10 ml)	Ideal for expansion of antigen-specific T cells (research use)
Dynabeads® Human Treg Expander Kit	Human			•	•			•						•	111.29D (2 ml)	Optimized to retain suppressive phenotype and capacity in expansion of Treg cells
Dynabeads® CD3/CD28	Human		• 1	• 2	•	•	•	•	•	•	●3		0	0	111.41D (10 ml)	The research version of Dynabeads® ClinExVivo™ CD3/CD28; intended for preclinical research applications
Dynabeads® <i>ClinExVivo</i> ™ CD3/CD28	Human		•1	• ²	•	•		•	•	•	● ³		0	0	402.03D (10 ml)	Intended for clinical research applications

[•] See product package insert or visit www.invitrogen.com/cellisolation for protocols and references.

O Unpublished data.





^{1.} Bonyhadi, M. et al. (2005) J Immunol 174:2366.

^{2.} Coito, S. et al. (2004) Stem Cells Dev 13:71.
3. Kalamasz, D. et al. (2004) J Immunother 27:405.

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