

**EVOLVING**

**THE FUTURE OF  
CELL THERAPY  
MANUFACTURING:  
CTS DETACHABLE  
DYNABEADS  
CD3/CD28  
MAGNETIC BEADS**

Cell therapy



**Welcome to your flexible process**

**Meet the next generation of CTS Dynabeads magnetic beads and CTS Detachable Dynabeads Release Buffer**

You no longer need to wait for passive dissociation of Gibco™ Dynabeads™ magnetic beads from T cells or experience the limitations to your downstream process. The next-generation Gibco™ CTS™ Detachable Dynabeads™ CD3/CD28 magnetic beads provides one-step isolation and activation, and enables the active release of CTS Dynabeads beads from your target cells at any point in the process with Gibco™ CTS™ Detachable Dynabeads™ Release Buffer. This flexible technology is meant for autologous and allogeneic platforms, as it enables consistent performance in light of biological variability. For your process, that means optimal isolation, activation, purity, yield, desired phenotype, and cell viability of your T cell population.

**Other process improvements include:**

- Increased control over target cell isolation and bead removal steps to help you shorten the timing of your overall process
- Increased control over cell activation and persistence of activation signals post-isolation
- High levels of pure T cells free from ancillary material
- Optimal recovery of target cells
- Desired cell phenotypes for downstream gene modification and fold expansion
- Suitable applications for both autologous and allogeneic processes

In combination with the Gibco™ CTS™ DynaCollect™ Magnetic Separation System, this automation-friendly solution is the first within a new platform designed to help accelerate current cell therapy manufacturing processes while driving the next generation of cell-based therapies.

Learn more at [thermofisher.com/ctsdynabeads](https://thermofisher.com/ctsdynabeads)

**gibco**