



## Coming Soon: GMP-Grade\* Recombinant Monoclonal Antibody Conjugates for Cell Therapy Manufacturing & QC

CST revolutionized preclinical CAR cell characterization with universal recombinant monoclonal antibodies specific to the ubiquitous Whitlow/218 and G4S linker sequences of scFv-based CARs. This innovation enabled scientists to use a single reagent for a variety of assays without the time or cost of developing anti-idiotypic antibodies for every CAR construct.

When available, these trusted antibody conjugates, manufactured to be GMP-grade\*, are intended to simplify enrichment of G4S linker CAR+ cells and increase productivity for in-process QC and lot release assays. When preclinical development teams use the same reagents, handoffs can be that much easier as programs advance to later stages.

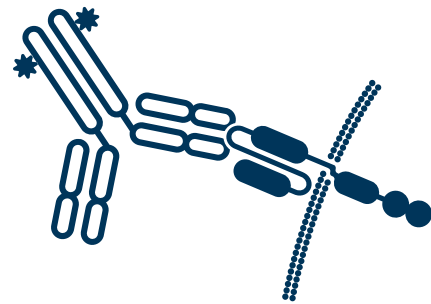
### CAR+ Cell Enrichment in Manufacturing



#### Available Now: GMP-Grade G4S Linker (E7O2V) Rabbit Monoclonal Antibody (Biotin Conjugate)

- Enrich any G4S linker-containing CAR-T cell with one reagent.
- Biotin-conjugated antibodies are amenable to magnetic bead-based CAR-T cell enrichment on cell therapy manufacturing instrumentation.
- Standardize percent CAR-positive cells and mitigate issues associated with low transduction efficiencies.
- Reagents are designed and manufactured to GMP-grade reagent standards.

### CAR+ Cell Detection for Analytical QC

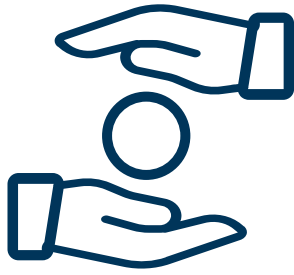


#### Coming soon: GMP-Grade\* G4S Linker (E7O2V) Rabbit Monoclonal Antibody (PE Conjugate)

- Detect any G4S linker-containing CAR-T cell with one reagent.
- Simplify in-process QC and lot release assays.
- PE-conjugated antibodies plug into your existing analytical QC workflows.
- Amenable to CAR+ cell detection in flow cytometry and FACS-based enrichment.
- Coming soon: Reagents will be designed and manufactured to GMP-grade\* reagent standards (Full GMP certification and commercial quantities are expected to be available mid-2026).



Learn more at:  
[cst-science.com/CAR-T-GMP](https://cst-science.com/CAR-T-GMP)



## Coming Soon: Seamless Transfer from Pre-Clinical to Clinical\*

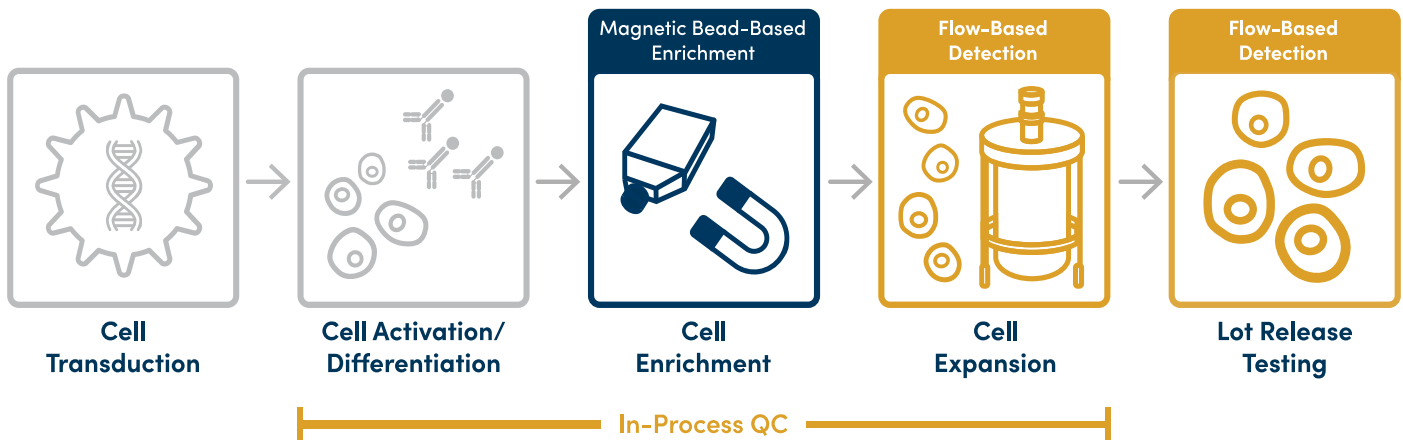
- Smoother handoffs when the same GMP-grade\* reagents are used in pre-clinical development as in manufacturing and QC.
- Save time when you don't have to qualify reagents for advanced process development.



## Reagent Security and Supply Continuity

- Upon GMP certification\*, the products will follow a GMP-compliant process, with required documentation and a controlled chain-of-custody to ensure traceability.
- Recombinant monoclonal antibodies produced from a Master Cell Bank enable lot-to-lot consistency.

## Incorporate Robust, Flexible CAR-T Cell Enrichment and Detection into Your Manufacturing and QC Workflows



Learn more at:  
[cst-science.com/CAR-T-GMP](https://cst-science.com/CAR-T-GMP)

\*The GMP-grade PE antibody conjugate is under development and not currently available. The currently-available pre-GMP PE antibody conjugate is not yet validated for GMP, is for Research Use Only (RUO) and is not for use in clinical manufacturing stages. Full GMP-grade certification and commercial quantities are expected to be available in autumn 2026. The GMP-grade biotin antibody conjugate is not intended for diagnostic use or direct administration into humans or animals.

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