

IBA

BioTAGnology

Streptamer®

Reversible T-Cell Staining,
Sorting and Isolation

stickin'
together!

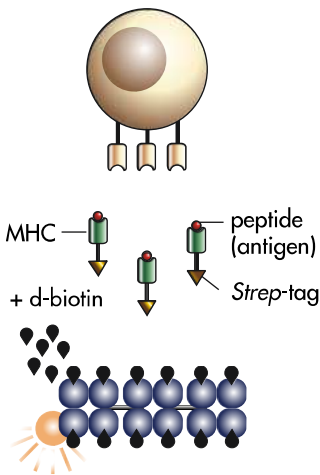
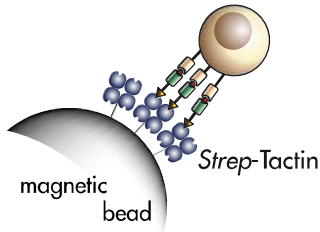
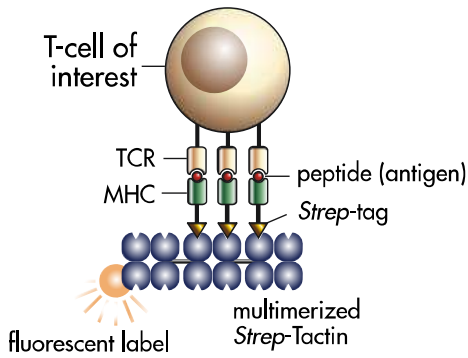


The Multimers.

Functional T-cells for research, diagnostics and clinical studies.

www.streptamer.com

Streptamer[®], fully reversible multimers for staining and isolation of functional CD8+ T-cells



T-cell staining and sorting with FACS

- Peptide/MHC I-*Strep* is attached to fluorescent (PE or APC) *Strep*-Tactin oligomers prior to cell incubation.
- *Streptamers* bind with high affinity and selectivity to their corresponding antigen-specific T-cells.
- Multivalent binding results in high staining intensities.
- FACS analysis and FACS isolation of antigen-specific T-cells.

T-cell isolation with *Streptamer* Magnetic Beads

- Peptide/MHC I-*Strep* is attached to the *Strep*-Tactin coat of *Streptamer* Magnetic Beads prior to cell incubation.
- Rapid, sterile, preparative and cost-effective isolation with high purities.

Full reversibility

- *Streptamers*, both fluorescent *Streptamers* and *Streptamer* Magnetic Beads, can be mildly and completely detached from T-cells with low doses of biotin (vitamin H).
- Isolated T-cells are fully viable and
- phenotypically and functionally indistinguishable from non-treated cells.

Your gateway to clinical studies*

- Clinical-grade *Streptamers* available
- Accepted clinical phase I/II trial protocol according to German regulations (Paul-Ehrlich Institute, Langen, Germany)
- Successful adoptive CMV treatment of several patients

*in cooperation with STAGE Pharmaceuticals

Our custom service

- We manufacture MHC I-*Strep* with your specific peptide (clinical-grade)
- which you are either providing or requesting to be synthesized
- paving your way straight forward from research to clinical application.

www.streptamer.com

- *Streptamer* TAGnology and products
- List of MHC I-*Strep* antigens (human and murine)
- References

- Visit the IBA web shop and get more information about *Streptamer* products and prices, references and newsletters at www.streptamer.com
- Please contact us via email info@iba-go.com or phone +49 (0)551 50672-0
- We are looking forward to talking to you!

