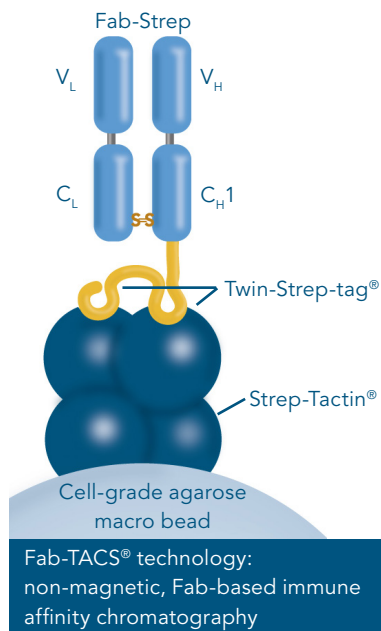


FAB-TACS® GRAVITY

Traceless **A**ffinity **C**ell **S**election directly from whole blood





Fab-TACS[®] - TRACELESS AFFINITY CELL SELECTION

IBA's unique Strep-tag[®]/Strep-Tactin[®] system is the platform for the novel traceless affinity cell selection (Fab-TACS[®]) of cells. Fab-TACS[®] uses immune affinity chromatography based on CD-specific Fab fragments for reversible capture and release of target cells. The innovative Fab-TACS[®] procedure delivers label-free, non-activated target cells in a standardized manner of highly reproducible quality directly from whole blood or other blood preparations.

The Fab-TACS[®] positive selection completely resigns the use of high affinity antibodies whose usage causes unfavorable effects like strong and almost irreversible binding to cells, cell stimulation as well as receptor blockade.

Fab-TACS[®] GRAVITY

Get highly pure cell populations within a few convenient steps

The Fab-TACS[®] Gravity column is filled with a Strep-Tactin[®] coated matrix made of cell-grade agarose. Strep-tagged Fab fragments (Fab-Streps) specifically bind to the matrix. Subsequently, whole blood or other blood preparations pass through the column. Target cells adhere to the matrix based on the exclusive binding of the Fab-Strep to the target cell. Non-target cells are efficiently washed away. In a final step, the addition of biotin causes the elution of the target cells and the Fab-Streps. After elution, the Fab-Streps self-dissociate from the cell surfaces. The label-free authentic target cells are now ready for further downstream applications.

Key Features:

- › High purity
- › High yield
- › High viability
- › Label-free cells
- › Directly from whole blood
- › No centrifugation

