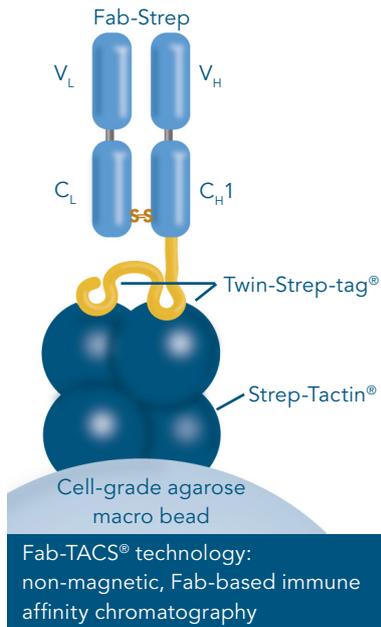


## FAB-TACS® GRAVITY

Traceless Affinity Cell Selection 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.

### Key Features:

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

## 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.

