

Short protocol

STAINING OF ANTIGEN-SPECIFIC CD8⁺ T CELLS WITH MHC I STREPTAMERS[®]

For staining of approx. $1 - 2 \times 10^6$ cells



All steps should be performed at temperatures suggested!



MHC I Streptamer[®] Staining

Cell labeling (steps 3 - 4)



Add the Streptamers® (step 2) to the cells and incubate for further 45 minutes.



Wash cells twice with 200 μI Buffer IS.

FACS analysis or FACS sorting (step 5)



FACS analysis or optional: FACS sorting can be done. Dead cell exclusion is strongly recommended (e.g. propidium iodide, 7-AAD, etc.).

Dissociation of MHC I Streptamer® reagents (steps 6 - 8)



Collect cells by centrifugation.



Resuspend cells in 200 μ l Buffer IS containing 1 mM D-Biotin and incubate for 10 min.



4° C

4° C

4° C

Repeat steps 6 and 7.

Removal of MHC I-Streps (steps 9 - 10)





Transfer cells to appropriate buffer or medium for further applications.

For detailed instructions please refer to the comprehensive MHC I Streptamer[®] manual at **www.iba-lifesciences.com/technical-support.html.** Contact us for more information or technical assistance.

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