

ABflo® 488 Streptavidin

Catalog No.: AT0001

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Species independent

CloneNo number

Streptavidin

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

Streptavidin binds to biotin with high affinity. Streptavidin-ABflo® 488 is useful for detecting biotinylated antibodies.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

Swiss Prot

Immunogen

This information is considered to be commercially sensitive.

Synonyms

SA V1; SA V2

Contact

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Product Information

Source

Isotype

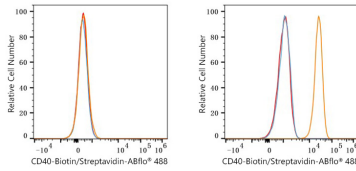
Purification

Storage

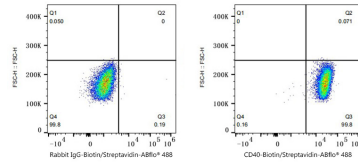
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

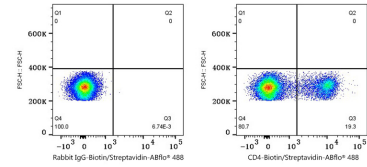
Validation Data



Flow cytometry: 1×10^6 Jurkat cells (negative control, left) and U-2 OS cells (right) were surface-stained with Biotin Rabbit anti-Human CD40 mAb (A25703, 2 $\mu\text{g}/\text{mL}$, orange line) or Biotin Rabbit IgG isotype control (A25626, 2 $\mu\text{g}/\text{mL}$, blue line), followed by ABflo® 488 Streptavidin (AT0001, 5 $\mu\text{l}/\text{Test}$) staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 U-2 OS cells were surface-stained with Biotin Rabbit IgG isotype control (A25626, 2 $\mu\text{g}/\text{mL}$, blue line) or Biotin Rabbit anti-Human CD40 mAb (A25703, 2 $\mu\text{g}/\text{mL}$, right), followed by ABflo® 488 Streptavidin (AT0001, 5 $\mu\text{l}/\text{Test}$) staining.



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with Biotin Rabbit IgG isotype control (A25626, 5 $\mu\text{l}/\text{Test}$, left) or Biotin Rabbit anti-Mouse CD4 mAb (A28157, 0.25 μg , right), followed by ABflo® 488 Streptavidin (AT0001, 5 $\mu\text{l}/\text{Test}$) staining.