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Data Sheet

CD19 Nano-Strep
mouse

Cat. No.: 6-8507-150

Version: 1.1
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Description	Recombinant low affinity nanobody fused to a Twin-Strep-tag® and specific for murine CD19.
Purity	≥ 90%
Endotoxin level	≤ 0,1 EU/µg by LAL test
Form	Lyophilized
Amount	50 µg
Reconstitution	Reconstitute in 1 ml buffer, e.g. 1x PBS containing 1 mM EDTA and 0.5% BSA, for a final concentration of 50 µg/ml. Handle under sterile conditions.
Stability	6 months after shipping
Storage	Lyophilized: 2-8 °C; reconstituted: -80 °C. Avoid multiple freeze-thaw cycles.
Shipping	Room temperature or blue ice
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
Application	Nano-Streps were developed for Traceless Affinity Cell Selection (Nano-TACS®), based on our Strep-tag® technology. An increase in avidity is required for stable binding to the target. Depending on the Strep-Tactin® backbone, the following applications are possible: **Fluorescent cell staining and sorting** with fluorescently conjugated Strep-Tactin® or **affinity chromatographic cell isolation** with Strep-Tactin® TACS Agarose (columns). Biotin causes the dissociation of all reagents from the cells, yielding label-free populations for unbiased further use.

For research use only