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Data Sheet

StrepMAB-Immo

Cat. No.: 2-1517-001

Version: 11.0

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Description	StrepMAB-Immo is a murine, high-affinity monoclonal antibody especially suited for capturing and detection of Strep-tag[®]II and Twin-Strep-tag[®] fusion proteins.
Subclass	IgG1
Specificity	The nearly irreversible binding is validated for fusion proteins carrying a C- or N-terminal Strep-tag [®] II with an N-terminal SerAla linker (protein-SA-WSPHQFEK or SA-WSPHQFEK-protein). Strep-tag [®] II proteins without the N-terminal SerAla are bound with reduced affinity in the cases tested so far. The Twin-Strep-tag [®] always contains the SerAla linker (WSPHQFEK-GGGG-GGGG-GGSA-WSPHQFEK).
Form	Lyophilized from PBS solution (2.5 mM KCl, 8 mM Na ₂ HPO ₄ , 200 mM NaCl, 1.5 mM KH ₂ PO ₄ , pH 7.4)
Amount	100 µg
Reconstitution	Reconstitute antibody in 200 µl water to get a concentration of 0.5 mg/ml in PBS. Aliquot and store at -20 °C.
Stability	24 months after shipping
Storage	Recommended: -25 °C to -15 °C (both lyophilized and after reconstitution)
Shipping	Room temperature
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
Application	StrepMAB-Immo is suited for capturing of Strep-tag [®] II and Twin-Strep-tag [®] fusion proteins on solid phases (e.g., microplates or biochips) or for detection of those proteins in applications like ELISA, FACS, immunohistochemistry, and -cytochemistry. For detection in western blot, the use of StrepMAB-Classic or Strep-Tactin [®] conjugates is recommended.

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