

Strep Antibody

Product	Catalog No.	Package size
Strep Antibody (100 µg)	40070	1 x 100 µg

Product Description

The Strep antibody is synthesized for the binding of proteins carrying the *Strep*-tag II[®] epitope at the N- or C-terminus or in an internal position.

Lot #	varies
Antibody Name	Strep antibody
Cell Line	Mouse Hybridoma Produced using <i>Strep</i> -tag II peptide conjugated to keyhole limpet hemocyanin as immunogen
Subclass	IgG
Suitable for	Western blot, ELISA, FACS, Immune fluorescence
Form	100 µg lyophilized from NH ₄ CO ₃ , contains 10 mg sucrose per mg protein
Reconstitution of lyophilized antibody	Reconstitute antibody in phosphate buffered saline (PBS) at concentrations between 0.2 and 1.0 mg/ml (i.e. dissolve with 0.5 to 0.1 ml PBS).
Recommended dilution for Western Blot, chromogenic detection	0.2-0.5 µg/ml antibody diluted in PBS containing 2% BSA. Use rabbit anti-mouse conjugated to peroxidase as secondary antibody.
Recommended dilution for Western Blot, chemiluminescence detection	20 ng/ml antibody diluted in PBS
Recommended dilution for FACS	10 µg/ml diluted in PBS, using e.g. goat anti-mouse IgG AB conjugated to Cy2 (GE Healthcare, 1:400 dilution)
Recommended dilution for IF	10 µg/ml – 5 µg/ml antibody diluted in PBS (use secondary anti-mouse antibody)

Shipping & Storage

Shipment Temperature	Shipped at room temperature (RT)
Storage	Store as lyophilized powder for up to 12 months at 2-8°C. Alternatively, aliquot contents and freeze at -20 °C for up to 6 months. Avoid repeated freeze-thaw cycles.

Additional Information

For purification of *Strep*-tagged proteins from dilute solutions, we recommend using PureCube HiCap StrepTactin MagBeads. For purification of rho-tagged proteins with gravity flow columns and low pressure chromatography, we recommend using PureCube HiCap StrepTactin Agarose. For affinity purification of GST-tagged, rho1D4-tagged or His-tagged proteins, Cube Biotech offers dedicated agarose resins, magnetic beads and prepacked cartridges. Also available are a range of ultrapure detergents and buffers for extraction and purification of proteins. See www.cube-biotech.com/products for details.

Disclaimer: Our products are intended for molecular biology applications. These products are not intended for the diagnosis, prevention, or treatment of a disease.

Strep Antibody is manufactured by IBA GmbH.

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Proteins are our passion.