

## PentaHis Antibody

Product	Catalog No.	Package size
PentaHis Antibody, BSA-free (100 µg)	40040	1 x 100 µg

### Product Description

The PentaHis antibody is synthesized for the binding of proteins carrying the HHHHH epitope.

Lot #	varies
Antibody Name	PentaHis antibody, BSA-free
Cell Line	Mouse, Hybridoma
Suitable for	Western blot, ELISA
Detection limit Western Blot, chromogenic detection	2 ng
Detection limit Western Blot, chemiluminescent detection	50 pg
Quantity	100 µg
Physical state	Dried lyophilized powder
Reconstitution of lyophilized antibody	Add 500 µl ddH <sub>2</sub> O to obtain a solution of 0.2 mg/ml concentration
Recommended working dilution	1:1000

### Shipping & Storage

Shipment Temperature	Shipped at room temperature (RT)
Short-term Storage	After resuspension, store vial at 2-8 °C for up to 3 months. Centrifuge product if not completely clear after standing at room temperature and/or heating to 37 °C.
Long-term 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 His-tagged proteins from dilute solutions, we recommend using PureCube Ni-NTA MagBeads. For purification of rho-tagged proteins with gravity flow columns and low pressure chromatography, we recommend using PureCube Ni-NTA Agarose or other PureCube IMAC resins. For affinity purification of GST-tagged, rho1D4-tagged or strep<sup>®</sup>-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](http://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. PentaHis Antibody is manufactured by QIAGEN.

Trademarks: Strep-tag<sup>®</sup> (IBA GmbH)