

Mouse Anti-His Tag Monoclonal Antibody

CATALOG NUMBER:	AKR-003	STORAGE:	-20°C
QUANTITY AND CONCENTRATION:	100 µg of Protein A purified antibody at 1 mg/mL in 10 mM PBS, pH 7.2, containing 0.05% NaN ₃		
SHELF LIFE:	1 year from date of receipt under proper storage conditions; aliquot to avoid multiple freeze thaw cycles		
HOST SPECIES:	Mouse		
ISOTYPE:	IgG2b		
CLONE:	HIS.H8		
IMMUNOGEN:	6xHis synthetic peptide conjugated to KLH		
SPECIFICITY:	Recognizes the epitope of N-terminal, C-terminal, or internal 6xHis-tags		
SENSITIVITY:	1-2 ng of His-tagged fusion proteins (immunoblot/ECL)		
APPLICATION:	Immunoblot (1:1000 to 1:3000; incubate 1 hr at room temp) Immunostaining (1:500 to 1:2000) ELISA, Dot blot or Immunoprecipitation (user to determine working dilution)		

Example of Results

The following figures demonstrate typical results. One should use the data below for reference only. This data should not be used to interpret actual results.

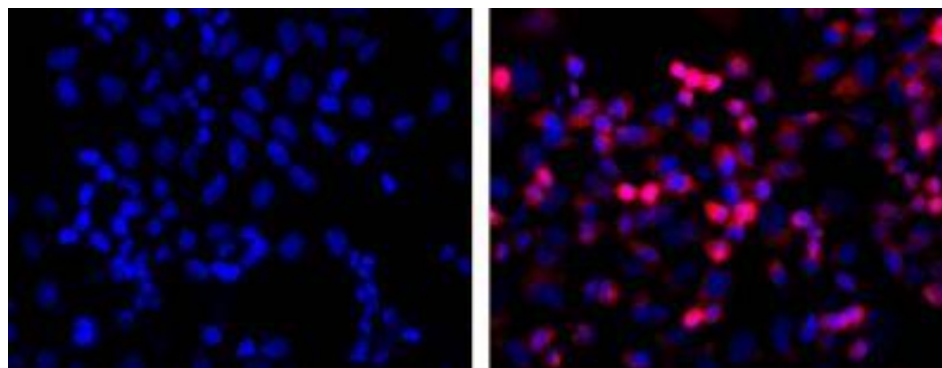


Figure 1. Immunostaining with Anti-His Tag clone #HIS.H8. Left: Untransfected control stained with DAPI. **Right:** Anti-His Tag staining (red) and DAPI counterstain (blue) on His-tagged fusion proteins in HEK293 cells.

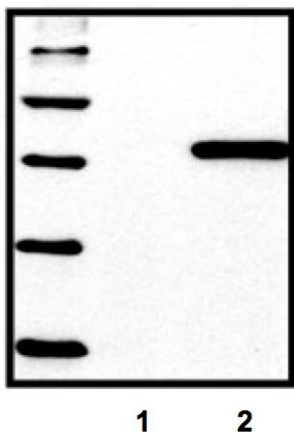


Figure 2. Immunoblotting with Anti-His Tag clone #HIS.H8.
Lane 1: Untransfected control. **Lane 2:** HEK293 cells transfected with His-tagged protein vector.

References

1. Porath, J., Carlsson, J., Olsson, I. & Belfrage, G. (1975) *Nature* **258**:598–599.
2. Hemdan, E. S. & Porath, J. (1985) *J. Chromatogr.* **323**:255–264.
3. Hemdan, E. S. & Porath, J. (1985) *J. Chromatogr.* **323**:265–272.
4. Sulkowski, E. (1985) *Trends Biotechnol.* **3**:1–7.

Recent Product Citation

Wang, S. et al. (2014). Characterization of two UDP-Gal:GalNAc-diphosphate-lipid β 1,3-galactosyltransferases WbwC from *Escherichia coli* serotypes O104 and O5. *J Bacteriol.* **196**:3122-3133.

Warranty

These products are warranted to perform as described in their labeling and in Cell Biolabs literature when used in accordance with their instructions. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THIS EXPRESSED WARRANTY AND CELL BIOLABS DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR PARTICULAR PURPOSE. CELL BIOLABS's sole obligation and purchaser's exclusive remedy for breach of this warranty shall be, at the option of CELL BIOLABS, to repair or replace the products. In no event shall CELL BIOLABS be liable for any proximate, incidental or consequential damages in connection with the products.

This product is for RESEARCH USE ONLY; not for use in diagnostic procedures.

Contact Information

Cell Biolabs, Inc.
 7758 Arjons Drive
 San Diego, CA 92126
 Worldwide: +1 858-271-6500
 USA Toll-Free: 1-888-CBL-0505
 E-mail: tech@cellbiolabs.com
www.cellbiolabs.com

©2011: Cell Biolabs, Inc. - All rights reserved. No part of these works may be reproduced in any form without permissions in writing.