BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-HMG4 Antibody Picoband® (monoclonal, 8H9) Biotin Conjugated

**Catalog Number:** M02834-1-Biotin

## About HMGB3

High-mobility group protein B, also known as HMG4, is a protein that in humans is encoded by the HMGB3 gene. This gene encodes a member of a family of proteins containing one or more high mobility group DNA-binding motifs. The encoded protein plays an important role in maintaining stem cell populations, and may be aberrantly expressed in tumor cells. A mutation in this gene was associated with microphthalmia, syndromic 13. There are numerous pseudogenes of this gene on multiple chromosomes. Alternative splicing results in multiple transcript variants.

## Overview

| | |
|---|---|
| Product Name | Anti-HMG4 Antibody Picoband® (monoclonal, 8H9) Biotin Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | WB, IHC, ELISA |
| Clonality | Monoclonal 8H9 |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3. |
| Storage Instructions | At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Mouse |
| Uniprot ID | O15347 |

## Technical Details

| | |
|---|---|
| Immunogen | A synthetic peptide corresponding to a sequence at the N-terminus of human HMG4, identical to the related mouse and rat sequences. |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Mouse IgG2b |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Biotin |
| Suggested Dilutions | Western blot, Optimal dilutions should be determined by end users.<br>Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.<br>ELISA, Optimal dilutions should be determined by end users. |

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

| | |
|---|---|

## Submit a product review to Biocompare.com


Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Anti-HMG4 Antibody (monoclonal, 8H9) - Biotin

For Research Use Only. Not for use in diagnostic procedures.