

Anti-Hexokinase 1/HK1 Antibody Picoband® (monoclonal, 4B7) Biotin Conjugated

Catalog Number: M01504-2-Biotin

About HK1

Hexokinase-1 (HK1) is an enzyme that in humans is encoded by the HK1 gene on chromosome 10. It is mapped to 10q22.1. Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes a ubiquitous form of hexokinase which localizes to the outer membrane of mitochondria. Mutations in this gene have been associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in several transcript variants which encode different isoforms, some of which are tissue-specific.

Overview

| | |
|----------------------|--|
| Product Name | Anti-Hexokinase 1/HK1 Antibody Picoband® (monoclonal, 4B7) Biotin Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Clonality | Monoclonal 4B7 |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Mouse |
| Uniprot ID | P19367 |

Technical Details

| | |
|---------------------|--|
| Immunogen | E.coli-derived human Hexokinase 1/HK1 recombinant protein (Position: D17-R323). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Mouse IgG2a |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Biotin |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements. |

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-Hexokinase 1/HK1 Antibody (monoclonal, 4B7) - Biotin

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