

Anti-Hephaestin/HEPH Antibody Picoband® FITC Conjugated

Catalog Number: A05316-1-FITC

About HEPH

Enables ferroxidase activity. Involved in intestinal iron absorption; multicellular organismal-level iron ion homeostasis; and positive regulation of iron export across plasma membrane. Acts upstream of or within erythrocyte differentiation. Predicted to be located in perinuclear region of cytoplasm. Predicted to be active in basolateral plasma membrane. Orthologous to human HEPH (hephaestin).

Overview

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| Product Name | Anti-Hephaestin/HEPH Antibody Picoband® FITC Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | Q9Z0Z4 |

Technical Details

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|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen | E.coli-derived human Hephaestin/HEPH recombinant protein (Position: E348-Q1157). Mouse Hephaestin/HEPH shares 85.6% and 96.2% amino acid (aa) sequence identity with human and rat Hephaestin/HEPH, respectively. |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

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