

## Anti-Hephaestin/HEPH Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A05316-1-Fluoro488

### 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

Product Name	Anti-Hephaestin/HEPH Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
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

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	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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