

Anti-Histone H1.0/H1F0 Antibody Picoband® (monoclonal, 5I3E6) Fluoro488 Conjugated

Catalog Number: M08821-2-Fluoro488

About H1F0

H1 histone family, member 0 is a member of the histone family of nuclear proteins which are a component of chromatin. In humans, this protein is encoded by the H1F0 gene. It is mapped to 22q13.1. Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-independent histone that is a member of the histone H1 family.

Overview

Product Name	Anti-Histone H1.0/H1F0 Antibody Picoband® (monoclonal, 5I3E6) Fluoro488 Conjugated
Reactive Species	Human, Mouse
Application	Flow Cytometry
Clonality	Monoclonal 5I3E6
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. Protect from light.
Host	Mouse
Uniprot ID	P07305

Technical Details

Immunogen	E.coli-derived human Histone H1.0/H1F0 recombinant protein (Position: K20-K159).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2b
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

Suggested Dilutions

Flow Cytometry, Optimal dilutions should be determined by end users.

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