

Anti-hIST1/IST1 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A05507-2-Fluoro647

About IST1

IST1 homolog is a protein that in humans is encoded by the KIAA0174 gene. This gene encodes a protein with MIT-interacting motifs that interacts with components of endosomal sorting complexes required for transport (ESCRT). ESCRT functions in vesicle budding, such as that which occurs during membrane abscission in cytokinesis. There is a pseudogene for this gene on chromosome 19. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Overview

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| Product Name | Anti-hIST1/IST1 Antibody Picoband® Fluoro647 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% Na ₃ N. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P53990 |

Technical Details

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| Immunogen | E.coli-derived human hIST1/IST1 recombinant protein (Position: E31-D331). Human IST1 shares 94% and 93.1% amino acid (aa) sequence identity with mouse and rat IST1, respectively. |
| Cross Reactivity | No cross reactivity with other proteins. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

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