

Anti-GRB10 Antibody Picoband® (monoclonal, 5H7) Fluoro594 Conjugated

Catalog Number: M01663-Fluoro594

About GRB10

GRB10, Growth factor receptor-bound protein 10, also known as insulin receptor-binding protein Grb-IR is a protein that in humans is encoded by the GRB10 gene. The product of this gene belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with insulin receptors and insulin-like growth-factor receptors (e.g., IGF1R and IGF2R). Overexpression of some isoforms of the encoded protein inhibits tyrosine kinase activity and results in growth suppression. This gene is imprinted in a highly isoform- and tissue-specific manner. Alternatively spliced transcript variants encoding different isoforms have been identified.

Overview

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|----------------------|--------------------------------------------------------------------------------------------------------------|
| Product Name | Anti-GRB10 Antibody Picoband® (monoclonal, 5H7) Fluoro594 Conjugated |
| Reactive Species | Human, Monkey, Rat |
| Application | Flow Cytometry |
| Clonality | Monoclonal 5H7 |
| 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 | Mouse |
| Uniprot ID | Q13322 |

Technical Details

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|------------------|---------------------------------------------------------------------------|
| Immunogen | E.coli-derived human GRB10 recombinant protein (Position: M1-K251). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Mouse IgG1 |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm |

Suggested Dilutions

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

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