

Anti-SMAD5 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A01423-Fluoro488

About SMAD5

Mothers against decapentaplegic homolog 5 also known as SMAD5 is a protein that in humans is encoded by the SMAD5 gene. It is mapped to 5q31.1. The protein encoded by this gene is involved in the transforming growth factor beta signaling pathway that results in an inhibition of the proliferation of hematopoietic progenitor cells. The encoded protein is activated by bone morphogenetic proteins type 1 receptor kinase, and may be involved in cancer. Alternative splicing results in multiple transcript variants.

Overview

| | |
|----------------------|--|
| Product Name | Anti-SMAD5 Antibody Picoband® Fluoro488 Conjugated |
| Reactive Species | Human, Monkey, 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 | Q99717 |

Technical Details

| | |
|---------------------|--|
| Immunogen | A synthetic peptide corresponding to a sequence in the middle region of human SMAD5, which shares 95.5% amino acid (aa) sequence identity with both mouse and rat SMAD5. |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| 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. |

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-SMAD5 Antibody - Fluoro488

For Research Use Only. Not for use in diagnostic procedures.