

Anti-FGFR4 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB9193-Fluoro488

About FGFR4

FGFR4 (Fibroblast growth factor receptor 4), also known as CD334, is a protein that in humans is encoded by the FGFR4 gene. It is mapped to 5q35.2. The protein encoded by this gene is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. It is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis.

Overview

Product Name	Anti-FGFR4 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (IHC, 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 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	P22455

Technical Details

Immunogen	E.coli-derived human FGFR4 recombinant protein (Position: L22-H206). Human FGFR4 shares 86% and 84% amino acid (aa) sequences identity with mouse and rat FGFR4, respectively.
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	Optimal dilutions should be determined by end users.

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