

## Anti-FGF9 Antibody Picoband® Cy3 Conjugated

Catalog Number: A02274-Cy3

### About FGF9

FGF 9, Fibroblast growth factor 9, is a protein that in humans is encoded by the FGF9 gene. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. The FGF 9 gene contains 3 exons. By radioactive chromosomal in situ hybridization, the FGF 9 gene is mapped to chromosome 13q11-q12. This protein was isolated as a secreted factor that exhibits a growth-stimulating effect on cultured glial cells. In nervous system, this protein is produced mainly by neurons and may be important for glial cell development. Expression of the mouse homolog of this gene was found to be dependent on Sonic hedgehog (Shh) signaling.

### Overview

Product Name	Anti-FGF9 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (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 <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P31371

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human FGF9, identical to the related mouse and rat sequences.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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