

Anti-Fetuin A/AHSG Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PB9242-Fluoro647

About AHSG

Alpha-2-HS-glycoprotein (AHSG) also known as fetuin-A is a protein that in humans is encoded by the AHSG gene. Fetuin-A belongs to the fetuin class of plasma binding proteins and is more abundant in fetal than adult blood. This gene is mapped to 3q27. Fetuin-A is a secreted partially phosphorylated glycoprotein with complex proeolytic processing that circulates in blood and extracellular fluids. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. Fetuin-A is also a potent inhibitor of pathological calcification.

Overview

Product Name	Anti-Fetuin A/AHSG Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Mouse
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 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	P29699

Technical Details

Immunogen	E.coli-derived mouse Fetuin A recombinant protein (Position: A19-I345). Mouse Fetuin A shares 57% and 85% amino acid (aa) sequence identity with human and rat Fetuin A, respectively.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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