

Anti-NUP98 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PB9302-Fluoro647

About NUP98

Nuclear pore complex protein Nup98-Nup96 is a protein that in humans is encoded by the NUP98 gene. This gene is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. NUP98 is a peripheral nucleoporin located at both the cytoplasmic and nuclear sides of the central channel of the NPC. NUP98 phosphorylation is critical for NPC disassembly at the onset of mitosis. It also plays roles in gene expression, mitotic checkpoint, and pathogenesis. Ligand blot analysis suggested that NUP98 can function as a docking protein for cytosol-mediated docking of import substrates. In addition to that, NUP98 is a target of the vesicular stomatitis virus M protein-mediated inhibition of mRNA nuclear export.

Overview

Product Name	Anti-NUP98 Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Human, Monkey, 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 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	P52948

Technical Details

Immunogen	E.coli-derived human NUP98 recombinant protein (Position: H549-F880). Human NUP98 shares 95% and 94% amino acid (aa) sequence identity with mouse and rat NUP98, 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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