

Anti-Angiopietin-like 4/ANGPTL4 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A01147-Fluoro647

About ANGPTL4

Angiopietin-related protein 4 (Angptl4) is a protein that in humans is encoded by the ANGPTL4 gene. This gene is a member of the angiopietin/angiopietin-like gene family and encodes a glycosylated, secreted protein with a fibrinogen C-terminal domain. And this gene is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. By radiation hybrid analysis, Angptl4 gene is mapped to 19p13.3. ANGPTL4 contributed to tumor growth and protected cells from anoikis, a form of programmed cell death induced when contact-dependent cells detach from the surrounding tissue matrix.

Overview

Product Name	Anti-Angiopietin-like 4/ANGPTL4 Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q9BY76

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ANGPTL4, different from the related mouse and rat sequences by seven amino acids.
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

Flow Cytometry, Optimal dilutions should be determined by end users.

1 Publications Citing This Product

1. PubMed ID: -, Zhao,J.,Liu,J.,Wu,N.,Zhang,H.,Zhang,S.,Li,L.,& Wang,M.(2020).ANGPTL4 overexpression is associated with progression and poor prognosis in breast cancer.Oncology Letters,20,2499-2505.https://doi.org/10.3892/ol.2020.11768

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