

Anti-NR2F6 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB10081-Fluoro488

About NR2F6

Nuclear receptor subfamily 2 group F member 6 is a protein that in humans is encoded by the NR2F6 gene. It is a member of the nuclear receptor family of intracellular transcription factors. It has been shown to function as a coregulator of other nuclear receptors. NR2F6 impairs the formation of mature red blood cells in animals that over-express NR2F6 in their bone marrow. Mice that over expression of NR2F6 in their bone marrow cells have a block at the pro-erythroblast stage of blood cell development both in the bone marrow and in the spleen of animals that have excessive expression of NR2F6. So, when inhibition of differentiation of stem cell is desired, inhibition of differentiation is achieved through induction of increased NR2F6 activity. In situations where differentiation of stem cells into a cell of increased maturity is desired, inhibition of NR2F6 activity must be performed.

Overview

Product Name	Anti-NR2F6 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, 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% 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	P10588

Technical Details

Immunogen	E. coli-derived human NR2F6 recombinant protein (Position: M270-Q404). Human NR2F6 shares 99.3% amino acid (aa) sequence identity with both mouse and rat NR2F6.
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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