

Anti-HOXA11 Antibody Picoband® Cy3 Conjugated

Catalog Number: PB9218-Cy3

About HOXA11

Homeobox protein Hox-A11 is a protein that in humans is encoded by the HOXA11 gene. It is mapped to 7p15.2. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is involved in the regulation of uterine development and is required for female fertility. HOXA11 is essential for the development of the uterosacral ligaments, it has been found that women with pelvic organ prolapse may have weakened connective tissue due to changes in this signaling pathway. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia.

Overview

Product Name	Anti-HOXA11 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IHC, ICC, 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	P31270

Technical Details

Immunogen	E.coli-derived human HOXA11 recombinant protein (Position: H74-R245). Human HOXA11 shares 95% amino acid (aa) sequence identity with mouse HOXA11.
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.

1 Publications Citing This Product

1. PubMed ID: 31699823, Xiong Z,Xia P,Zhu X,Geng J,Wang S,Ye B,Qin X,Qu Y,He L,Fan D,Du Y,Tian Y,Fan Z.Glutamylation of deubiquitinase BAP1 controls self-renewal of hematopoietic stem cells and hematopoiesis.J Exp Med.2020 Feb 3;217(2):e20190974.doi:10.1084/jem.20190974.PMID:31699823;PMCID:PMC7041701.

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