

## Anti-Protein Wnt-7a Wnt7a Antibody Picoband® FITC Conjugated

Catalog Number: RP1088-FITC

### About WNT7A

This gene is a member of the WNT gene family, which consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is involved in the development of the anterior-posterior axis in the female reproductive tract, and also plays a critical role in uterine smooth muscle patterning and maintenance of adult uterine function. Mutations in this gene are associated with Fuhrmann and Al-Awadi / Raas - Rothschild / Schinzel phocomelia syndromes.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Protein Wnt-7a Wnt7a Antibody Picoband® FITC Conjugated   |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Flow Cytometry   |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.         |
| Host                 | Rabbit   |
| Uniprot ID           | O00755   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthetic peptide corresponding to a sequence at the C-terminus of human Wnt7a, identical to the related mouse sequence. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | FITC<br>Excitation Wavelength: 495 nm<br>Emission Wavelength: 525 nm   |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.   |

## 1 Publications Citing This Product

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1. PubMed ID: 33359712, An R,Wang X,Yang L,Zhang J,Wang N,Xu F,Hou Y,Zhang H,Zhang L. Polystyrene microplastics cause granulosa cells apoptosis and fibrosis in ovary through oxidative stress in rats.Toxicology.2020 Dec 24;449:152665. doi:10.1016/j.tox.2020.152665.Epub ahead of p

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