

## Anti-ASXL1 Antibody Picoband® Cy3 Conjugated

Catalog Number: A01099-1-Cy3

### About ASXL1

Putative Polycomb group protein ASXL1 is a protein that in humans is encoded by the ASXL1 gene. This gene is similar to the Drosophila additional sex combs gene, which encodes a chromatin-binding protein required for normal determination of segment identity in the developing embryo. The protein is a member of the Polycomb group of proteins, which are necessary for the maintenance of stable repression of homeotic and other loci. The protein is thought to disrupt chromatin in localized areas, enhancing transcription of certain genes while repressing the transcription of other genes. The protein encoded by this gene functions as a ligand-dependent co-activator for retinoic acid receptor in cooperation with nuclear receptor coactivator 1. Mutations in this gene are associated with myelodysplastic syndromes and chronic myelomonocytic leukemia. Alternative splicing results in multiple transcript variants.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-ASXL1 Antibody Picoband® Cy3 Conjugated  |
| Reactive Species     | Human   |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, 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 <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           | Q8IXJ9  |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | E.coli-derived human ASXL1 recombinant protein (Position: A14-R1541). |
| Cross Reactivity | No cross-reactivity with other proteins.                              |
| Isotype          | Rabbit IgG  |
| Form             | Liquid  |
| Concentration    | 0.5 mg/mL   |
| Purification     | Immunogen affinity purified.  |
| Conjugate        | Cy3<br>Excitation Wavelength: 554 nm<br>Emission Wavelength: 568 nm   |

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-ASXL1 Antibody - Cy3

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