

## Datasheet for ABIN1435362 **anti-STIL antibody (PE)**



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### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL                                 |
| Target:      | STIL                                   |
| Reactivity:  | Human, Mouse, Rat, Cow                 |
| Host:        | Rabbit                                 |
| Clonality:   | Polyclonal                             |
| Conjugate:   | This STIL antibody is conjugated to PE |
| Application: | Western Blotting (WB)                  |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | KLH conjugated synthetic peptide derived from human STIL |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat  |
| Purification:     | Purified by Protein A.                                   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | STIL   |
| Alternative Name: | STIL ( <a href="#">STIL Products</a> )   |
| Background:       | <p>Synonyms: MCPH7, SCL interrupting locus protein, SCL-interrupting locus protein, SCL/TAL1 interrupting locus, SIL, STIL, STIL_HUMAN, TAL 1 interrupting locus protein, TAL-1-interrupting locus protein.</p> <p>Background: TAL1 disruption at 1p32, a common rearrangement in the T-cell acute</p> |

## Target Details

lymphoblastic leukemia, usually results in the formation of a SCL interrupting locus (SIL)-TAL1 fusion product. SIL is an immediate early gene whose expression is associated with cell proliferation. The Sil protein exhibits ubiquitous expression in hematopoietic cell lines and tissues. However, Sil protein levels remain tightly regulated during the cell cycle, achieving peak levels in mitosis and diminishing on transition to G1 phase. Overexpression of Sil in primary adenocarcinomas predicts metastatic spread, especially in lung tumors with increased mitotic activity.

Molecular Weight: 143kDa

Gene ID: 6491

Pathways: [Tube Formation](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months