

bs-9303R**[Primary Antibody]****STIL Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 6491	SWISS: Q15468	IF (1:50-200)
Target: STIL		ELISA (1:5000-10000)
Immunogen: KLH conjugated synthetic peptide derived from human STIL: 951-1050/1287.		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Cow)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 143 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cytoplasm
Background: TAL1 disruption at 1p32, a common rearrangement in the T-cell acute 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.		

— SELECTED CITATIONS —

- **[IF=2.8]** Shunsuke Ohtsuka. et al. STIL Overexpression Is Associated with Chromosomal Numerical Abnormalities in Non-Small-Cell Lung Carcinoma Through Centrosome Amplification. CURR ONCOL. 2024 Dec;31(12):7936-7949 IHC ;Human. 39727708