

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human SCL in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human SCL Arg199-Gly266 Accession # P17542
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

SCL, also known as TAL-1 (T-cell Acute Lymphocytic Leukemia-1 protein), is a 40 kDa basic helix-loop-helix transcription factor. It regulates hematopoiesis, angiogenesis and erythrocyte maturation. Activation of SCL by chromosomal translocation may be a cause of some T-cell acute lymphoblastic leukemia. Two alternative splice variants lacking the first 25 or 175 amino acid residues also exist. Human and mouse SCL share 93% amino acid sequence identity.

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