

Datasheet for ABIN7603090  
**anti-SFR1 antibody (Middle Region)**



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## Overview

Quantity:	100 µg
Target:	SFR1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SFR1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-SFR1 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human SFR1.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	<p>Anti-SFR1 Antibody Picoband® (ABIN7603090). Tested in Flow Cytometry, WB applications.</p> <p>This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.</p>
Purification:	Immunogen affinity purified.

## Target Details

Target:	SFR1
Alternative Name:	SFR1 ( <a href="#">SFR1 Products</a> )
Background:	<p>Synonyms: Trem-like transcript 1 protein, TLT-1, Triggering receptor expressed on myeloid cells-like protein 1, TREML1, TLT1, UNQ1825/PRO3438,</p> <p>Tissue Specificity: Detected in platelets, monocytic leukemia and in T-cell leukemia. .</p> <p>Background: SFR1 is a component of the SWI5-SFR1 complex, a complex required for double-strand break repair via homologous recombination.</p>
Molecular Weight:	22 kDa
Gene ID:	119392

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>1. Akamatsu, Y., Jasin, M. Role for the mammalian Swi5-Sfr1 complex in DNA strand break repair through homologous recombination. PLoS Genet. 6: e1001160, 2010. Note: Electronic Article. 2. Feng, Y., Singleton, D., Guo, C., Gardner, A., Pakala, S., Kumar, R., Jensen, E., Zhang, J., Khan, S. DNA homologous recombination factor SFR1 physically and functionally interacts with estrogen receptor alpha. PLoS One 8: e68075, 2013. Note: Electronic Article. 3. Hartz, P. A. Personal Communication. Baltimore, Md. 8/17/2015.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C, -20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.</p>