

Datasheet for ABIN652984

anti-serine Dehydratase antibody (N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	serine Dehydratase (SDS)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This serine Dehydratase antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This SDS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SDS.
Clone:	RB23023
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	serine Dehydratase (SDS)
Alternative Name:	SDS (SDS Products)
Background:	SDS encodes one of three enzymes that are involved in metabolizing serine and glycine. L-

Target Details

serine dehydratase converts L-serine to pyruvate and ammonia and requires pyridoxal phosphate as a cofactor. The encoded protein can also metabolize threonine to NH₄⁺ and 2-ketobutyrate. The encoded protein is found predominantly in the liver.

Molecular Weight: 34625

Gene ID: 10993

NCBI Accession: [NP_006834](#)

UniProt: [P20132](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

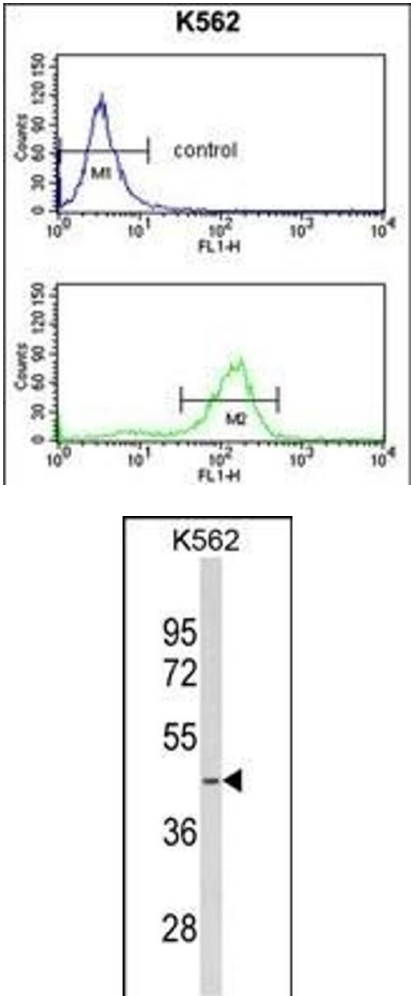
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. SDS Antibody (N-term) (ABIN652984 and ABIN2842624) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of SDS Antibody (N-term) (ABIN652984 and ABIN2842624) in K562 cell line lysates (35 µg/lane). SDS (arrow) was detected using the purified Pab.