

## Anti-SDS Antibody Picoband® PE Conjugated

Catalog Number: A02273-1-PE

### About SDS

Serine dehydratase or L-serine ammonia lyase (SDH) is in the beta-family of pyridoxal phosphate-dependent (PLP) enzymes. This gene encodes one of three enzymes that are involved in metabolizing serine and glycine. L-serine dehydratase converts L-serine to pyruvate and ammonia and requires pyridoxal phosphate as a cofactor. The encoded protein can also metabolize threonine to  $\text{NH}_4^+$  and 2-ketobutyrate. The encoded protein is found predominantly in the liver.

### Overview

Product Name	Anti-SDS Antibody Picoband® PE Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% $\text{Na}_2\text{HPO}_4$ , 0.02% $\text{NaN}_3$ .
Storage Instructions	At $-20^\circ\text{C}$ for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P20132

### Technical Details

Immunogen	E.coli-derived human SDS recombinant protein (Position: M1-K328).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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Anti-SDS Antibody - PE

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