

## Anti-HSS/SGSH Antibody Picoband® APC Conjugated

Catalog Number: A04608-1-APC

### About SGSH

N-sulphoglucosamine sulphohydrolase is an enzyme that in humans is encoded by the SGSH gene. This gene encodes the enzyme sulfamidase; one of several enzymes involved in the lysosomal degradation of heparan sulfate. Mutations in this gene are associated with the lysosomal storage disease mucopolysaccharidosis IIIA, also known as Sanfilippo syndrome A, which results from impaired degradation of heparan sulfate. Transcripts of varying sizes have been reported but their biological validity has not been determined.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-HSS/SGSH Antibody Picoband® APC Conjugated  |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IHC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.   |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.   |
| Host                 | Rabbit   |
| Uniprot ID           | P51688   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human HSS/SGSH recombinant protein (Position: R206-L502). |
| Cross Reactivity    | No cross-reactivity with other proteins.                                 |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | APC<br>Excitation Wavelength: 633-647 nm<br>Emission Wavelength: 660 nm  |
| Suggested Dilutions | Optimal dilutions should be determined by end users.                     |

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Anti-HSS/SGSH Antibody - APC

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