

## Anti-SLFN11 Antibody Picoband® Biotin Conjugated

Catalog Number: A08259-Biotin

### About SLFN11

Schlafen family member 11 is a protein that in humans is encoded by the SLFN11 gene. SLFN11 is a nuclear protein that belongs to the Schlafen (SLFN) family of genes involved in cell cycle regulation and growth inhibition. Expression of SLFN11 predicts sensitivity of cancer cell lines to DNA-damaging agents. Evidence suggests that in the presence of DNA-targeted therapies, SLFN11 is recruited to stressed replication forks where it blocks replication leading to cell death. SLFN11 is being explored as a predictive biomarker for response to DNA-targeted therapies.

### Overview

Product Name	Anti-SLFN11 Antibody Picoband® Biotin Conjugated
Reactive Species	Human
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q7Z7L1

### Technical Details

Immunogen	E.coli-derived human SLFN11 recombinant protein (Position: P114-D794).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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