

# S Tag Antibody

Goat Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A190-134P

Lot No. A190-134P-9

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<b>APPLICATIONS</b>	WB, IHC, ICC, ELISA
<b>AMOUNT</b>	0.1 ml
<b>CONCENTRATION</b>	1 mg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.05% Pro-Clean 400
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Goats were immunized with S-Tag (KETAAAKFERQHMS) conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support and conjugated to horseradish peroxidase (HRP).

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme/antibody protein ratio is 4:1.

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1,000 – 1:30,000
Immunohistochemistry	Not applicable
Immunocytochemistry	1:200 – 1:500
ELISA	1:10,000 – 1:100,000

**APPLICATION NOTES** Not all listed applications have been specifically tested by our laboratory.

**ADDITIONAL INFO** Validation by Western Blot was performed using a Western Blot Gel 4-20%.

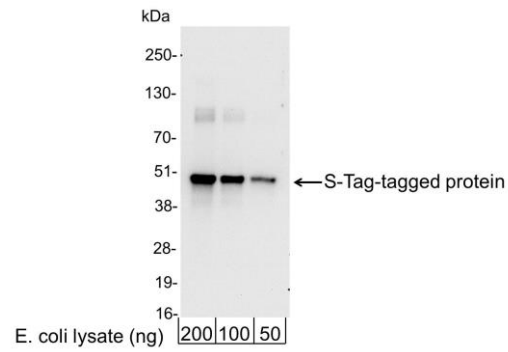
<https://www.bethyl.com/product/A190-134P>

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This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: October 8, 2021

**Detection of S-Tag-tagged Protein by western blot.**

*Samples:* 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. *Antibodies:* Affinity-purified, HRP-conjugated, goat anti-S-Tag antibody A190-134P used for WB at 0.04 µg/ml (1:25,000).

*Detection:* Chemiluminescence with an exposure time of 3 seconds.