bs-33206R **[Primary Antibody]**

S1-Tag Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: S1-Tag

Purification: affinity purified by Protein A

Concentration: 1mg/ml

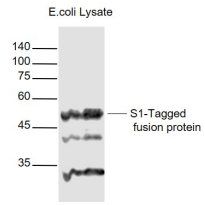
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Epitope tagging is a recombinant DNA method by which a protein encoded by a cloned gene is made immunoreactive to a known antibody. Major areas ofapplication include monitoring protein expression, localizing proteins at thecellular and subcellular levels, and protein purification, as well as the analysis of protein topology, dynamics and interactions. Due to their small size, theyare unlikely to affect the tagged protein's biochemical properties.S1 tag is an epitope tag composed of a nine-residue peptide, NANNPDWDF, derived from the hepatitis B virus preS1 region. Epitope tags consisting ofshort sequences recognized by well-characterizated antibodies have beenwidely used in the study of protein expression in various systems.

Applications: **WB** (1:1000-5000)
ELISA (1:1000-5000)

Reactivity: Species independent

VALIDATION IMAGES



Sample: Lane 1: S1-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-41403P) at 2ug Lane 2: S1-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-41403P) at 4ug Primary: Anti-S1-Tag (bs-33206R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD