

HRP Conjugated Anti-Strep-Tag II Antibody [A5D11-R]

HA601375



Product Type:	Recombinant Mouse monoclonal IgG1, primary antibodies
Species reactivity:	Species independent
Applications:	WB
Clone number:	A5D11-R

Description: The Strep-tag® system is a method which allows the purification and detection of proteins by affinity chromatography. The Strep-tag II is a synthetic peptide consisting of eight amino acids (Trp-Ser-His-Pro-Gln-Phe-Glu-Lys). This peptide sequence exhibits intrinsic affinity towards Strep-Tactin®, a specifically engineered streptavidin, and can be N- or C-terminally fused to recombinant proteins. By exploiting the highly specific interaction, Strep-tagged proteins can be isolated in one step from crude cell lysates. Because the Strep-tag elutes under gentle, physiological conditions it is especially suited for generation of functional proteins.

Conjugate: HRP-conjugated

Immunogen: Synthetic peptide corresponding to Strep-tag II.

Recommended Dilutions:
WB 1:1,000

Storage Buffer: PBS (pH7.4), 0.1% BSA, 40% Glycerol.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

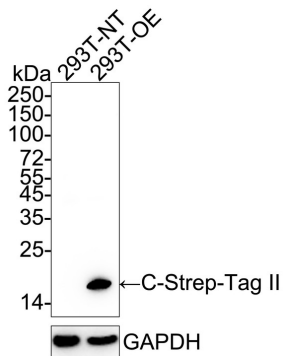


Fig1: Western blot analysis of Strep-Tag II on different lysates with Mouse anti-Strep-Tag II antibody (HA601375) at 1/1,000 dilution.

Lane 1: 293T-NT cell lysate

Lane 2: 293T transfected with Strep-Tag II-tagged Histone H3.1 (C-terminal) cell lysate

Lysates/proteins at 20 µg/Lane.

Exposure time: 30 seconds; ECL: K1801;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (HA601375) at 1/1,000 dilution was used in 5% NFDN/TBST at room temperature for 2 hours.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Arne Skerra. et. al. The Strep-tag system for one-step purification and high-affinity detection or capturing of proteins. Nat Protoc. 2007;2(6):1528-35.

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