

Product datasheet

anti-Strep-tag mouse monoclonal, C23.21, lyophilized, purified, large

Short overview

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| Cat. No. | 910STRL |
| Quantity | 100 µg |
| Concentration | 100 µg/ml after reconstitution with 1 ml PBS |

Product description

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|--------------------------------------|---|
| Host | Mouse |
| Antibody Type | Monoclonal |
| Isotype | IgG1 |
| Clone | C23.21 |
| Immunogen | Strep-tag II peptide minimal sequence WSHQPFEK |
| Formulation | Lyophilized; reconstitute in 1 ml sterile PBS, pH 7.4 |
| Conjugate | Unconjugated |
| Purification | Affinity chromatography |
| Storage before reconstitution | 2-8°C until indicated expiry date |
| Storage after reconstitution | -20°C (avoid freeze/thaw cycles) |
| Intended use | Research use only |
| Application | WB |
| Reactivity | Strep |

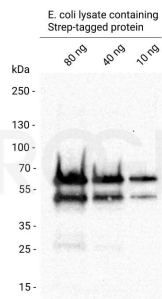
Applications

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|--------------------------|------------------------------------|
| Western Blot (WB) | 1:5,000-1:10,000 (0.02-0.01 µg/ml) |
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Background

The monoclonal C23.21 antibody recognizes Strep II. A Step-tag is commonly added to recombinant proteins and can be used for detection or purification of the tagged protein.

Product images



Western blot analysis of E. coli lysate containing Strep-tagged protein with anti-Strep-tag antibody. Western blot analysis was performed on 80 ng, 40 ng, or 10 ng of E. coli lysate containing Strep-tagged protein. Cells were lysed with SDS sample buffer. The PVDF membrane was blocked with 5% dry milk in PBST for 1 h at RT. The primary antibody anti-Strep-tag mouse monoclonal, C23.21 (Cat. No. 910STRL) was diluted in blocking buffer (antibody concentration 0.02 µg/ml) and incubated for 1 h at RT. The secondary antibody goat anti-mouse IgG polyclonal, HRP conjugate was also diluted in blocking buffer (antibody concentration 0.2 µg/ml) and incubated for 1 h at RT. The bands were visualized by chemiluminescent detection using Pierce™ ECL Western Blotting Substrate.