

StreptII-tag Antibody
Catalog # ASC10584**Specification**

StreptII-tag Antibody - Product Information

Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	StreptII-tag antibody can be used for the detection of StreptII by Western blot at 1 µg/mL.

StreptII-tag Antibody - Additional Information**Reconstitution & Storage**

StreptII-tag antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

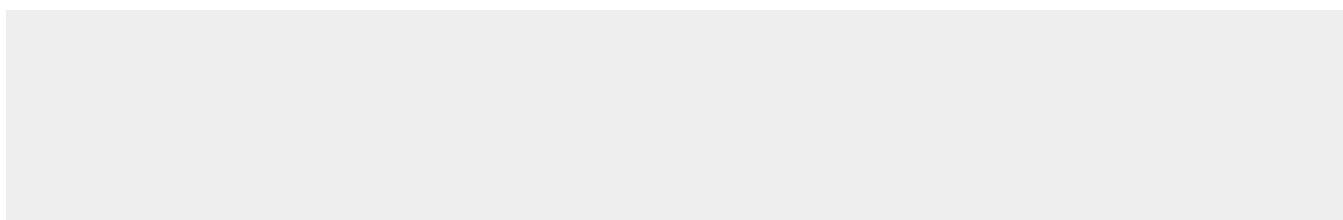
Precautions

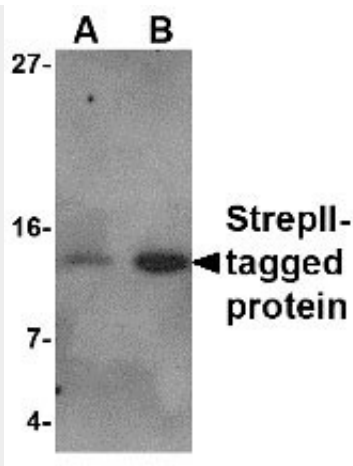
StreptII-tag Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

StreptII-tag Antibody - Protein Information**StreptII-tag Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

StreptII-tag Antibody - Images



Western blot analysis of (A) 5 and (B) 25ng of StreptII-tagged recombinant protein with StreptII antibody at 1 μ g/mL.

StreptII-tag Antibody - Background

StreptII-tag Antibody: Streptavidin is a tetrameric protein purified from *Streptomyces avidinii*. It has wide use in numerous molecular biological protocols due to its strong affinity for biotin. The original Strep-tag is a nine amino acid peptide with high specificity and affinity towards streptavidin. The addition of this tag to the C-terminus of recombinant proteins allowed the simple purification of protein by use of affinity columns. It was re-engineered to allow it to also be placed at the N-terminus of recombinant proteins.

StreptII-tag Antibody - References

Schmidt TGM and Skerra A. The random peptide-assisted engineering of a C-terminal affinity peptide, useful for the detection and purification of a functional Ig Fv fragment. *Protein Eng.*1993; 6:109-22.
Schmidt TGM, Koepe J, Frank R, et al. Molecular interactions between the Strep-tag affinity peptide and its cognate target, streptavidin. *J. Mol. Biol.*1996; 255:753-6.