

Product datasheet

Anti-Strep-tag II antibody [EPR12666] ab180957

Recombinant RabMAb

★★★★★ [2 Abreviews](#) [5 References](#) [2 Images](#)

Overview

Product name	Anti-Strep-tag II antibody [EPR12666]
Description	Rabbit monoclonal [EPR12666] to Strep-tag II
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Strep-tag II protein
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR12666
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab180957 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

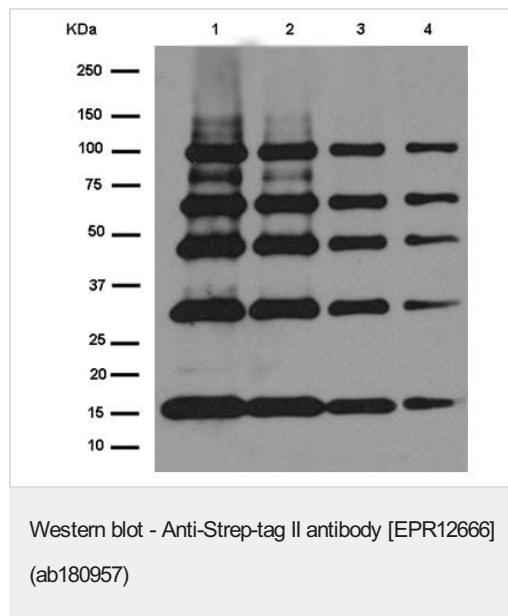
Application	Abreviews	Notes
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 16-100 kDa.

Target

Relevance

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 (AWRHPQFGG) was a nine amino acid peptide with high specificity and affinity towards streptavidin which allows the simple purification of protein by use of affinity columns, but required addition to only the C-terminus of recombinant proteins. To also allow a Strep-tag to be placed at the N-terminus of recombinant proteins, it was re-engineered and re-named Strep-tag II.

Images



All lanes : Anti-Strep-tag II antibody [EPR12666] (ab180957) at 1/1000 dilution (Unpurified)

Lane 1 : Strep-tag II protein at 0.01 µg

Lane 2 : Strep-tag II protein at 0.005 µg

Lane 3 : Strep-tag II protein at 0.001 µg

Lane 4 : Strep-tag II protein at 0.0005 µg

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Strep-tag II antibody [EPR12666] (ab180957)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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