

Datasheet for ABIN7477946  
**anti-Protein A antibody (Biotin)**



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## Overview

Quantity:	40 µg
Target:	Protein A
Reactivity:	Staphylococcus aureus
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Protein A antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	purified recombinant Protein A
Isotype:	IgG1 kappa
Specificity:	The Protein A Antibody [Biotin], mAb, Mouse detects natural Protein A, variety of recombinant Protein A variants and MabSelect SuRe <sup>M</sup> ligand.
Characteristics:	<p>This Protein A mAb is advantageous due to its IgG1 isotype, for mouse IgG1 has weak binding capacity to Protein A. The Protein A Antibody [Biotin], mAb, Mouse is Protein A Antibody conjugated with biotin. The conjugated antibody is suitable for detecting the expression level of Protein A.</p> <p>Fusion Partner Spleen cells were fused with SP2/0-Ag14 mouse myeloma cells.</p>
Purification:	Protein A affinity column

## Target Details

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Target:	Protein A
Abstract:	<a href="#">Protein A Products</a>
Background:	Protein A, a bacterial cell wall protein isolated from <i>Staphylococcus aureus</i> , binds to mammalian IgGs mainly through Fc regions. The Protein A is most commonly bound to a chromatography resin, used for production of antibody drugs or reagents. Protein A antibody can be used for quantification of Protein A in sample foods or for evaluation of Protein A resin.

## Application Details

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Application Notes:	<p>Working concentrations for specific applications should be empirically determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the detection methods, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.</p> <p>ELISA Capture: 1-10 µg/mL ELISA Detection: 0.05-0.2 µg/mL Western Blot: 0.5 -1 µg/mL Other applications: user-optimized</p>
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Restrictions:	For Research Use only
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## Handling

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Reconstitution:	Reconstitute the lyophilized product with 200 µl deionized water (or equivalent) to make antibody concentration of 0.5 mg/ml.
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 10 mg/mL BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	<p><b>WARNING:</b> Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.</p>
Storage:	-20 °C
Storage Comment:	The Protein A Antibody [Biotin], mAb, Mouse should be stored lyophilized until use. It remains

## Handling

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stable in lyophilized form for at least two years if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C or for up to 12 months at -20°C or below. Avoid repeated freezing and thawing cycles.

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Expiry Date: 12 months