

## Product datasheet

# Anti-Sucrose phosphorylase antibody (Biotin) ab34544

### 概述

产品名称	Anti-Sucrose phosphorylase抗体(Biotin)
描述	山羊多克隆抗体 to Sucrose phosphorylase (Biotin)
偶联物	Biotin
经测试应用	适用于: Dot blot, WB, ELISA, Immunomicroscopy
种属反应性	与反应: Escherichia coli
免疫原	Full length protein (Escherichia coli )
常规说明	Label: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Biotin/Protein. Ratio: 10-20 BAC molecules per goat IgG molecule.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium Azide Constituents: 10mg/ml BSA (IgG and protease free), 0.15M Sodium chloride, 0.02M Potassium phosphate. pH 7.2
纯度	IgG fraction
纯化说明	This product is an IgG fraction antibody purified from monospecific antiserum by a multistep process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer.
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab34544** in the following tested applications.

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

应用	Ab评论	说明
Dot blot		
WB		
ELISA		
Immunomicroscopy		

#### 应用说明

ELISA: 1/25000 - 1/115000. This product has been assayed against 1µg of Sucrose Phosphorylase in a standard capture ELISA using Peroxidase conjugated Streptavidin and ABTS as a substrate for 30 minutes at room temperature.

IM: Use at an assay dependent dilution.

WB: Use at an assay dependent dilution. Predicted molecular weight: 55 kDa.

Suitable for antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

#### 靶标

#### 相关性

Sucrose phosphorylase enzyme catalyzes breakdown of sucrose to form fructose and glucose 1-phosphate. Sucrose phosphorylase is involved in the intracellular catabolism of sucrose and the production of extracellular glucans, that are thought to play a key role in the development of the dental plaque because of their ability to adhere to smooth surfaces and mediate the aggregation of bacterial cells and food debris.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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