



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# Anti-G6PD Antibody (PTyr401)

Rabbit Anti-Human G6PD (pTyr401) Polyclonal  
Catalog No. SPC-986



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

G6PD Antibody (pTyr401)

### Description

Rabbit Anti-Human G6PD (pTyr401) Polyclonal

### Species Reactivity

Human

### Applications

WB, AM

### Antibody Dilution

WB (1:250); optimal dilutions for assays should be determined by the user.

### Host Species

Rabbit

### Immunogen Species

Human

### Immunogen

A phospho-specific peptide corresponding to residues surrounding Tyr401 of human G6PD (AA398-404)

### Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

## Properties

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### Storage Buffer

PBS pH7.4, 50% glycerol, 0.025% Thimerosal

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Purification

Peptide Affinity Purified

### Clonality

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Polyclonal

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### Specificity

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Detects 59.257 kDa.

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### Cite This Product

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Rabbit Anti-Human G6PD (pTyr401) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-986)

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### Certificate Of Analysis

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A 1:250 dilution of SPC-986 was sufficient for detection of G6PD (pTyr401) in 10 µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

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## Biological Description

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### Alternative Names

G6PD Antibody, G6PD1 Antibody, G6PD Antibody, G6pdx Antibody, MET19 Antibody, POS10 Antibody, Zwf1p Antibody

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### Cellular Localization

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Cytoplasm, Cytosol, Extracellular Endosome, Membrane, Nucleus

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### Accession Number

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NP\_000393

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### Gene ID

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2539

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### Swiss Prot

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P11413

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### Scientific Background

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Glucose-6-phosphate 1-dehydrogenase (G6PD) plays an important role in the pentose phosphate pathway. It is a member of the glucose-6-phosphate dehydrogenase family of proteins. G6PD is an ubiquitous enzyme that produces pentose sugars for nucleic acid synthesis, but is also involved in carbohydrate degradation, as it is one of the main producers of NADPH reducing power. G6PD has NADP as a co-factor and structural element. It can be found as a homodimer or homotetramer, and is primarily detected in lymphoblasts, granulocytes and sperm. Defects in G6PD can cause chronic non-spherocytic hemolytic anemia (CNSHA), especially in areas in which malaria is an epidemic. Individuals with a high level of G6PD-deficiency are at higher risk of acute hemolytic attacks.

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## Product Images

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Currently there are no images for this product

### Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.