

Datasheet for ABIN7603351

anti-Glycogen Synthase 1 antibody (pSer641)



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Overview

Quantity:	100 µL
Target:	Glycogen Synthase 1 (GYS1)
Binding Specificity:	pSer641
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Glycogen Synthase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-Phospho-Glycogen synthase 1 (S641) GYS1 Rabbit Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human Phospho-Glycogen synthase 1 (S641)
Clone:	DCH-7
Isotype:	IgG
Characteristics:	Anti-Phospho-Glycogen synthase 1 GYS1 Rabbit Monoclonal Antibody (ABIN7603351). Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse.
Purification:	Affinity-chromatography

Target Details

Target:	Glycogen Synthase 1 (GYS1)
Alternative Name:	GYS1 (GYS1 Products)
Background:	Synonyms: Glycogen [starch] synthase, muscle,2.4.1.11,GYS1,GYS, Tissue Specificity: Specifically expressed in immune and hematopoietic cells. Expressed in bone marrow and blood cells. Levels vary considerably within this compartment. Present in at least 74 % of immature CD34+ cells, whereas within the more mature population of CD33+ cells, it is present in only 10 % of cells. Present in the majority of T-cells, while it is present in a minority of B-cells (at protein level). .
Molecular Weight:	40 kDa
UniProt:	P13807
Pathways:	PI3K-Akt Signaling , AMPK Signaling , Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB 1:1000-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.