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Datasheet for ABIN7149097

## anti-CYBB antibody (AA 283-570) (HRP)

### Overview

Quantity:	100 µg
Target:	CYBB
Binding Specificity:	AA 283-570
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYBB antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Cytochrome b-245 heavy chain protein (283-570AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	CYBB
Alternative Name:	CYBB ( <a href="#">CYBB Products</a> )
Background:	Background: Critical component of the membrane-bound oxidase of phagocytes that generates superoxide. It is the terminal component of a respiratory chain that transfers single electrons

## Target Details

from cytoplasmic NADPH across the plasma membrane to molecular oxygen on the exterior. Also functions as a voltage-gated proton channel that mediates the H<sup>+</sup> currents of resting phagocytes. It participates in the regulation of cellular pH and is blocked by zinc.

Aliases: AMCBX2 antibody, CGD antibody, CGD91-phox antibody, CY24B\_HUMAN antibody, CYBB antibody, Cytochrome b 245, beta polypeptide antibody, Cytochrome b(558) beta chain antibody, Cytochrome b(558) subunit beta antibody, Cytochrome b-245 heavy chain antibody, Cytochrome b558 subunit beta antibody, GP91 PHOX antibody, gp91-1 antibody, gp91-phox antibody, GP91PHOX antibody, Heme-binding membrane glycoprotein gp91phox antibody, NADPH oxidase 2 antibody, Neutrophil cytochrome b 91 kDa polypeptide antibody, NOX2 antibody, p22 phagocyte B-cytochrome antibody, P91 PHOX antibody, p91-PHOX antibody, Superoxide-generating NADPH oxidase heavy chain subunit antibody

UniProt: [P04839](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.