



CYBB Antibody, Biotin conjugated

Product Code	CSB-PA006325LD01HU
Abbreviation	Cytochrome b-245 heavy chain
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P04839
Immunogen	Recombinant Human Cytochrome b-245 heavy chain protein (283-570AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	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 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 ⁺ currents of resting phagocytes. It participates in the regulation of cellular pH and is blocked by zinc.
Form	Liquid
Conjugate	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Cytochrome b-245 heavy chain (EC 1.-.-.-) (CGD91-phox) (Cytochrome b(558) subunit beta) (Cytochrome b558 subunit beta) (Heme-binding membrane glycoprotein gp91phox) (NADPH oxidase 2) (Neutrophil cytochrome b 91 kDa polypeptide) (Superoxide-generating NADPH oxidase heavy chain subunit) (gp91-1) (gp91-phox) (p22 phagocyte B-cytochrome), CYBB, NOX2
Species	Homo sapiens (Human)
Research Area	Immunology
Target Names	CYBB