CYBB Antibody

PACO21174

Product Information

Size:

100ul(100ug)

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000, IHC:1:50-1:200

Protein Background:

Cytochrome b (-245) is composed of cytochrome b alpha (CYBA) and beta (CYBB) chain. It has been proposed as a primary component of the microbicidal oxidase system of phagocytes. CYBB deficiency is one of five described biochemical defects associated with chronic granulomatous disease (CGD). In this disorder, there is decreased activity of phagocyte NADPH oxidase; neutrophils are able to phagocytize bacteria but cannot kill them in the phagocytic vacuoles. The cause of the killing defect is an inability to increase the cells respiration and consequent failure to deliver activated oxygen into the phagocytic vacuole.

Gene ID:

CYBB

Uniprot

P04839

Synonyms:

CYBB; CGD; GP91-1; GP91-PHOX; GP91PHOX; NOX2; p91-PHOX

Immunogen:

Recombinant protein of human CYBB.

Storage:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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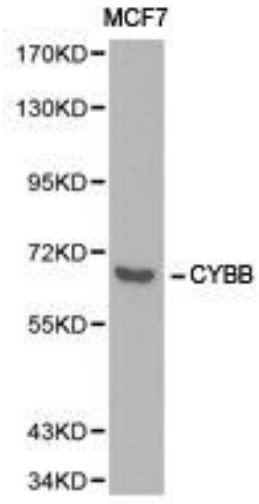
Product Images



Western blot analysis of extracts of MCF7 cell lines, using CYBB antibody.

