

CYBB Polyclonal Antibody

catalog number: E-AB-70273

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

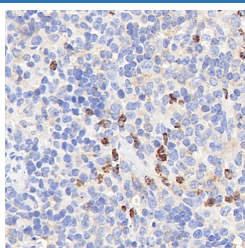
Reactivity	Mouse;Rat
Immunogen	Recombinant protein corresponding to Mouse NOX2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

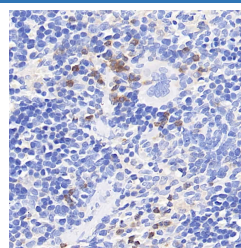
Recommended Dilution

IHC	1:200-1:1000
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Data



Immunohistochemistry analysis of paraffin-embedded mouse spleen using CYBB Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded rat spleen using CYBB Polyclonal Antibody at dilution of 1:400.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.