

Rabbit anti-Mouse, Rat CYBB Polyclonal Antibody | anti-CYBB antibody

CYBB Polyclonal Antibody

CATALOG # AAA174523	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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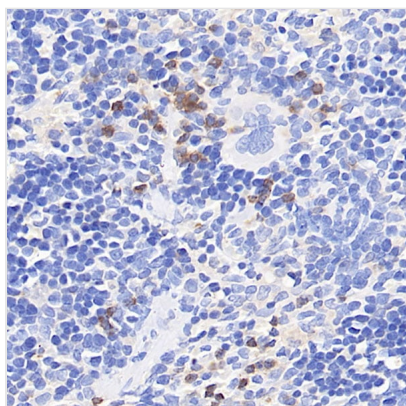
PRODUCT SYNONYMS

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

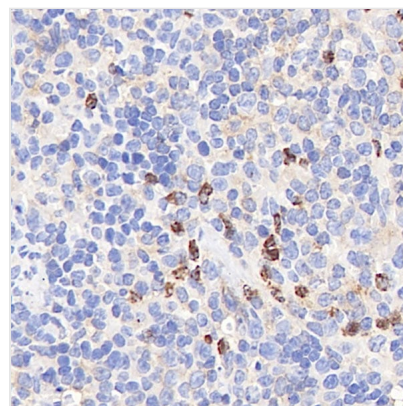
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	270 mug/mL (varies by lot)
Sequence Length	570
Applicable Applications for anti-CYBB antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant protein corresponding to Mouse NOX2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-CYBB antibody	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.
Product Categories/Family for anti-CYBB antibody	Cancer; Metabolism; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	161333819
NCBI GeneID	13058
NCBI Accession #	NP_031833.3
NCBI GenBank Nucleotide #	NM_007807.5
UniProt Accession #	Q61093
Molecular Weight	65,305 Da
NCBI Official Full Name	cytochrome b-245 heavy chain
NCBI Official Synonym Full Names	cytochrome b-245, beta polypeptide
NCBI Official Symbol	Cybb
NCBI Official Synonym Symbols	Cgd; Cyd; Nox2; C88302; gp91-1; gp91phox; CGD91-phox
NCBI Protein Information	cytochrome b-245 heavy chain
UniProt Protein Name	Cytochrome b-245 heavy chain
UniProt Gene Name	Cybb
UniProt Synonym Gene Names	Cytochrome b558 subunit beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cybb-antibody-immunohistochemistry-elisa/174523>