

Rabbit anti-Human NOX2/gp91phox Monoclonal Antibody | anti-CYBB antibody

NOX2/gp91phox Rabbit mAb

CATALOG # AAA282792	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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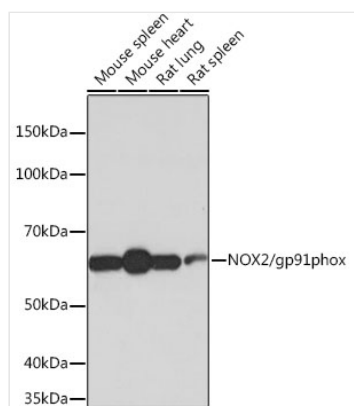
PRODUCT SYNONYMS

NOX2/gp91phox; Monoclonal Antibody; NOX2/gp91phox Rabbit mAb; CGD; CGDX; NOX2; IMD34; AMCBX2; GP91-1; GP91PHOX; p91-PHOX; GP91-PHOX; anti-CYBB antibody

PRODUCT SPECIFICATIONS

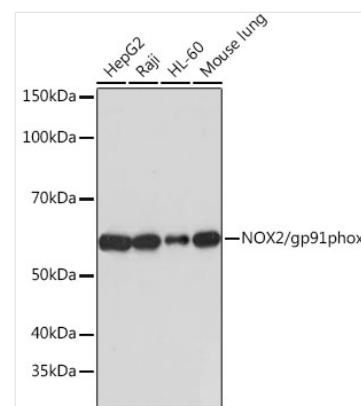
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	FHKMVAWMIA LHSIAHTIAH LFNVEWCVNA RVNNSDPYSV ALSELGDRQN ESYLNFARKR IKNPEGGLYL AVTLLAGITG VVITLCLILI ITSSTKTIRR S
Applicable Applications for anti-CYBB antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human NOX2/gp91phox (P04839).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using NOX2/gp91phox Rabbit mAb (AAA282792) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.



WB (Western Blot)

Western blot analysis of various lysates using NOX2/gp91phox Rabbit mAb (AAA282792) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1min.

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 NADpHoxidase; 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 cell's respiration and consequent failure to deliver activated oxygen into the phagocytic vacuole.
Product Categories/Family for anti-CYBB antibody	Cancer; Endocrine Metabolism; Immunology Inflammation; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	115211
NCBI GeneID	1536
UniProt Accession #	P04839; Q2PP16; A8K138
Molecular Weight	Calculated MW: 65kDa Observed MW: 65kDa
UniProt Protein Name	Cytochrome b-245 heavy chain
UniProt Gene Name	CYBB
UniProt Synonym Gene Names	NOX2; Cytochrome b558 subunit beta
UniProt Entry Name	CY24B_HUMAN

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/monoclonal/nox2-gp91phox-antibody-western-blot-elisa/282792>