



NOX2 Rabbit mAb

Catalog No	YP-Ab-17732
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	CYBB
Alternative Names	CYBB; NOX2; Cytochrome b-245 heavy chain; CGD91-phox; Cytochrome b(558) subunit beta; Cytochrome b558 subunit beta; Heme-binding membrane glycoprotein gp91phox; NADPH oxidase 2Neutrophil cytochrome b 91 kDa polypeptide; Superoxide-generating NADPH oxidase heavy chain subunit; gp91-1; gp91-phox; p22 phagocyte B-cytochrome
Research Field	Immunology
Product Categories	Primary antibody
Host	Rabbit
Molecular Weight	Calculated MW: 65 kDa; Observed MW: 60 kDa
Clonality	Monoclonal Antibody
Clonality No.	R04-6J7
Dilution	WB: 1/500-1/1000
Immunogen	A synthesized peptide derived from human CYBB
Purification	Affinity Chromatography
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



Background

The superoxide-generating NADPH oxidase complex expresses in phagocytes, neuroepithelial bodies, vascular smooth muscle cells, and endothelial cells. 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.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

