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NOX2/CYBB/gp91phox Rabbit mAb

货号: AYM29460

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	65kDa
实测分子量	65kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,HepG2,Raji,Mouse lung,Mouse spleen,Mouse heart,Rat lung,Rat spleen
细胞定位	Cell membrane,Multi-pass membrane protein
纯化	Affinity purification

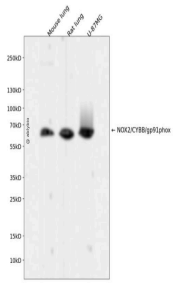
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human NOX2/CYBB/gp91phox.

靶点信息

研究背景	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 cell's respiration and consequent failure to deliver activated oxygen into the phagocytic vacuole.
基因ID	1536
基因名	CYBB
Swiss	P04839 (https://www.uniprot.org/uniprotkb/P04839/entry)
别名	NOX2/CYBB/gp91phox,NOX2/CYBB/gp91phox Rabbit mAb,CYBB,CGD91-phox,Cytochrome b(558) subunit beta,Cytochrome b-245 heavy chain,Heme-binding membrane glycoprotein gp91phox,Neutrophil cytochrome b 91 kDa polypeptide,Superoxide-generating NADPH oxidase heavy chain subunit,gp91-1

产品验证



Western blot analysis of NOX2/CYBB/gp91phox expressed in Mouse lung,Rat lung,U-87MG using NOX2/CYBB/gp91phox Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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