

# NOX2/CYBB/gp91phox Rabbit mAb

货号: B29460

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	<b>WB:</b> 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°C. 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

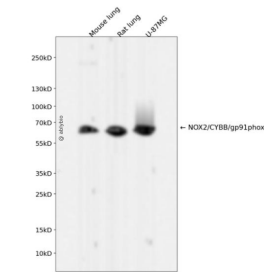
抗原信息	Recombinant fusion protein corresponding to Human NOX2/CYBB/gp91phox.
序列	FHKMVAWMIALHSAIHTIAHLFNVEWCVNARVNNSDPYSVALSELGDRQNESYLNFAFKRIKNPEGGLYLAVTLLAGITGV VITLCLILIITSSTKTIRRS

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 prop osed as a primary component of the microbicidal oxidase system of phagocytes. CYBB deficiency is one o f five described biochemical defects associated with chronic granulomatous disease (CGD). In this disorde r, there is decreased activity of phagocyte NADPH oxidase; neutrophils are able to phagocytize bacteria b ut cannot kill them in the phagocytic vacuoles. The cause of the killing defect is an inability to increase th e cell's respiration and consequent failure to deliver activated oxygen into the phagocytic vacuole.
基因ID	1536

基因名	CYBB
Swiss	P04839
别名	AMCBX2;CGD;GP91-1;GP91-PHOX;GP91PHOX;IMD34;NOX2;p91-PHOX;CYBB

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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