

磷酸化嗜中性粒细胞胞浆因子 4 抗体

产品货号： mlR3497

英文名称： Phospho-NCF4 (Thr154)

中文名称： 磷酸化嗜中性粒细胞胞浆因子 4 抗体

别名： NCF4 (phospho T154); p- NCF4 (phospho T154); p40phox (Thr154); p-p40phox (Thr154); MGC3810; NCF 4; NCF; NCF-4; Ncf4; NCF4_HUMAN; Neutrophil cytosol factor 4; Neutrophil cytosolic factor 4; Neutrophil NADPH oxidase factor 4; p40-phox; p40phox; SH3 and PX domain-containing protein 4.

产品类型： 磷酸化抗体

研究领域： 肿瘤 细胞生物 免疫学 信号转导 肿瘤细胞生物标志物 新陈代谢 线粒体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Rabbit, Guinea Pig,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 39kDa

细胞定位： 细胞浆 线粒体

性状： Lyophilized or Liquid

浓度： 1mg/ml

免 疫 原： KLH conjugated Synthesised phosphopeptide derived from human p40phox around the phosphorylation site of Thr154:PR(p-T)RK

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： NCF4 is a cytosolic oxidase associated protein. It is a component of the nicotinamide adenine dinucleotide phosphate oxidase, which mediates down regulation of NADPH oxidase through interactions with its SH3 domain. NCF4 is associated with p67 phox but is absent in patients with chronic granulomatous disease who lack p67 phox.

Function:

Component of the NADPH-oxidase, a multicomponent enzyme system responsible for the oxidative burst in which electrons are transported from NADPH to molecular oxygen, generating reactive oxidant intermediates. It may be important for the assembly and/or activation of the NADPH-oxidase complex.

Subunit:

p40-PHOX associates primarily with p67-PHOX to form a complex with p47-PHOX.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Expression is restricted to hematopoietic cells.

DISEASE:

Granulomatous disease, chronic, cytochrome-b-positive 3, autosomal recessive (CGD3) [MIM:613960]: A disorder characterized by the inability of neutrophils and phagocytes to kill microbes that they have ingested. Patients suffer from life-threatening bacterial/fungal infections. Note=The disease is caused by mutations affecting the gene represented in this entry.

Similarity:

Contains 1 OPR domain.

Contains 1 PX (phox homology) domain.

Contains 1 SH3 domain.

SWISS:

Q15080

Gene ID:

4689

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.