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- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NCF4 (Human) Matched Antibody Pair

Catalog # : H00004689-AP51

規格 : [1 Set]

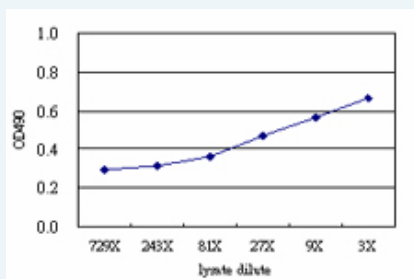
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Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human NCF4.

Reactivity: Human

Quality Control Testing: Standard curve using NCF4 293T overexpression lysate (non-denatured) as an analyte.



Sandwich ELISA detection sensitivity ranging from approximately 81x to 3x dilution of the NCF4 293T overexpression lysate (non-denatured).


Supplied Product: Antibody pair set content:
 1. Capture antibody: mouse monoclonal anti-NCF4 (100 ug)
 2. Detection antibody: rabbit purified polyclonal anti-NCF4 (50 ug)
 *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Transfected lysate)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4689](#)

Gene Name: NCF4

Gene Alias: MGC3810,NCF,P40PHOX,SH3PXD4

Gene Description: neutrophil cytosolic factor 4, 40kDa

Omim ID: [601488](#)

Gene Ontology: [Hyperlink](#)

Application Image

ELISA Pair (Transfected lysate)

Gene Summary: The protein encoded by this gene is a cytosolic regulatory component of the superoxide-producing phagocyte NADPH-oxidase, a multicomponent enzyme system important for host defense. This protein is preferentially expressed in cells of myeloid lineage. It interacts primarily with neutrophil cytosolic factor 2 (NCF2/p67-phox) to form a complex with neutrophil cytosolic factor 1 (NCF1/p47-phox), which further interacts with the small G protein RAC1 and translocates to the membrane upon cell stimulation. This complex then activates flavocytochrome b, the membrane-integrated catalytic core of the enzyme system. The PX domain of this protein can bind phospholipid products of the PI(3) kinase, which suggests its role in PI(3) kinase-mediated signaling events. The phosphorylation of this protein was found to negatively regulate the enzyme activity. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]

Other Designations: OTTHUMP00000028736,OTTHUMP00000043756,neutrophil NADPH oxidase factor 4,neutrophil cytosol factor 4,neutrophil cytosolic factor 4

Gene Pathway

[Leukocyte transendothelial migration](#)

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