



p47 phox (Ab-370) Antibody

E11-1171B

Catalog Number: E11-1171B

Concentration: 1mg/ml

Swiss-Prot No.: P14598

Other Names: 47 kDa autosomal chronic granulomatous disease protein, 47 kDa neutrophil oxidase factor, NCF-1, NCF-47K, NCF1, Neutrophil NADPH oxidase factor 1, Neutrophil cytosol factor 1, Neutrophil cytosolic factor 1, P47 phox, p47-phox

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human p47 phox around the phosphorylation site of serine 370

(R-P-S^P-A-D).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity: p47 phox (Ab-370) antibody detects endogenous levels of total p47 phox protein.

Reactivity: Human, Mouse, Rat

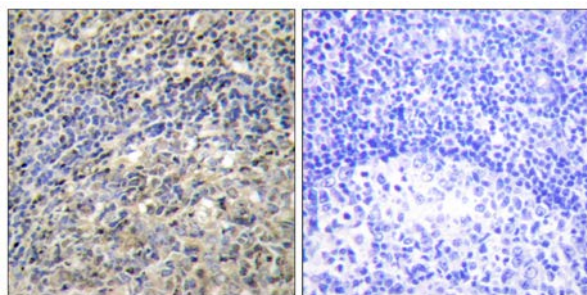
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:5000

References:

Volpp B.D., Proc. Natl. Acad. Sci. U.S.A. 86:7195-7199(1989).

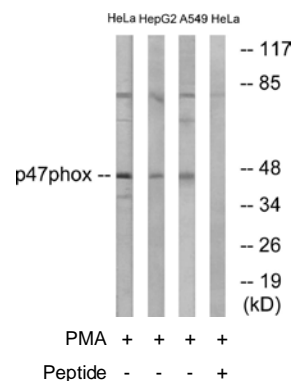
Volpp B.D., Proc. Natl. Acad. Sci. U.S.A. 86:9563-9563(1989).

Lomax K.J., Science 245:409-412(1989).



Peptide - +

Immunohistochemistry analysis of paraffin-embedded human tonsil tissue using p47 phox (Ab-370) antibody.



Western blot analysis of extracts from HeLa cells, HepG2 cells and A549 cells treated with PMA (125ng/ml, 30mins), using p47 phox (Ab-370) antibody.

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