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P40PHOX / NCF4 Antibody (Internal)

Goat Polyclonal Antibody
Catalog # ALS12863

Specification

P40PHOX / NCF4 Antibody (Internal) - Product Information

Application	**WB, IHC**
Primary Accession	Q15080
Reactivity	**Human, Monkey, Horse**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**39kDa KDa**

P40PHOX / NCF4 Antibody (Internal) - Additional Information

Gene ID 4689

Other Names
Neutrophil cytosol factor 4, NCF-4, Neutrophil NADPH oxidase factor 4, SH3 and PX domain-containing protein 4, p40-phox, p40phox, NCF4, SH3PXD4

Target/Specificity
Human NCF4. This antibody is expected to recognise both reported isoforms (NP_000622.2 and NP_038202.1).

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
P40PHOX / NCF4 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

P40PHOX / NCF4 Antibody (Internal) - Protein Information

Name NCF4

Synonyms SH3PXD4

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.

Cellular Location
Cytoplasm, cytosol. Endosome membrane; Peripheral membrane protein; Cytoplasmic side. Membrane; Peripheral membrane protein

Tissue Location
Expression is restricted to hematopoietic cells.

P40PHOX / NCF4 Antibody (Internal) - Protocols

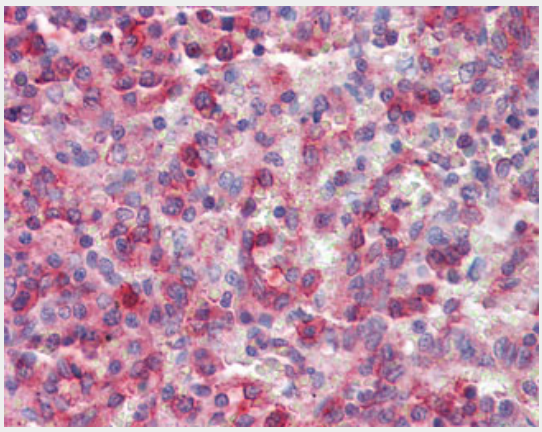
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

P40PHOX / NCF4 Antibody (Internal) - Images

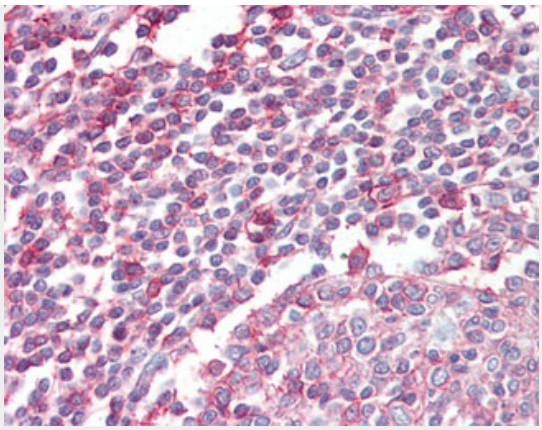


Antibody (0.5 ug/ml) staining of Daudi cell lysate (35 ug protein in RIPA buffer).



Anti-NCF4 antibody IHC of human spleen.

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Anti-NCF4 antibody IHC of human tonsil.

P40PHOX / NCF4 Antibody (Internal) - Background

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.

P40PHOX / NCF4 Antibody (Internal) - References

Wientjes F.B.,et al.Biochem. J. 296:557-561(1993).
Zhan S.,et al.Blood 88:2714-2721(1996).
Hasebe T.,et al.FEBS Lett. 455:257-261(1999).
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