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Datasheet for ABIN1703684  
**anti-NOX5 antibody (AA 501-600) (Cy5)**

### Overview

Quantity:	100 µL
Target:	NOX5
Binding Specificity:	AA 501-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOX5 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NOX5
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	NOX5
Alternative Name:	NOX5 ( <a href="#">NOX5 Products</a> )
Background:	Synonyms: NADPH oxidase 5, NADPH oxidase EFhand calcium binding domain 5, NOX5,

## Target Details

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NOX5\_HUMAN, MGC149776, MGC149777.

Background: Calcium-dependent NADPH oxidase that generates superoxide. Also functions as a calcium-dependent proton channel and may regulate redox-dependent processes in lymphocytes and spermatozoa. May play a role in cell growth and apoptosis.

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Gene ID: 79400

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UniProt: [Q96PH1](#)

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Pathways: [Proton Transport](#)

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## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months

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