

## Mouse anti-Human NOX2/gp91phox Monoclonal Antibody | anti-NOX2/gp91phox antibody

NOX2/gp91phox Monoclonal Antibody [54.1] - BSA/Azide-Free/50ul

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                |
|-----------|-------|------------|-----------------------------------------------------------------------------|
| AAA59586  | Mouse | Human      | Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

NOX2/gp91phox; Monoclonal Antibody; NOX2/gp91phox Monoclonal Antibody [54.1] - BSA/Azide-Free/50ul; Mouse Anti-NOX2/gp91phox [54.1]- BSA/Azide-Free; CGD91-phox antibody; CYBB antibody; Cytochrome b(558) beta chain antibody; Cytochrome b-245 heavychain antibody; gp91-1 antibody; gp91-phox antibody; Heme-binding membrane glycoprotein gp91phox antibody; NADPHoxidase 2 antibody; Neutrophil cytochrome b 91 kDa polypeptide antibody; NOX2 antibody; p22 phagocyte B-cytochromeantibody; Superoxide-generating NADPH oxidase heavy chain subunit antibody; anti-NOX2/gp91phox antibody

### PRODUCT SPECIFICATIONS

|                                                         |                                                                                                                      |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Host                                                    | Mouse                                                                                                                |
| Reactivity                                              | Human                                                                                                                |
| Clonality                                               | Monoclonal                                                                                                           |
| Isotype                                                 | IgG1                                                                                                                 |
| Clone Number                                            | 54.1                                                                                                                 |
| Purity/Purification                                     | Protein G                                                                                                            |
| Form/Format                                             | Purified antibody in PBS. Does not contain sodium azide or BSA                                                       |
| Concentration                                           | 1mg/ml (varies by lot)                                                                                               |
| Applicable Applications for anti-NOX2/gp91phox antibody | IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)                    |
| Immunogen                                               | Partially Purified human neutrophil flavocytochrome b (heparin Ultrogellectin affinity purification in Triton X-100) |
| Myeloma/fusion partners                                 | SP2/0                                                                                                                |
| Pubmed ID                                               | 18453126, 16140048, 7622517                                                                                          |

### NCBI AND UNIPROT INFORMATION

|                            |                                    |
|----------------------------|------------------------------------|
| NCBI GeneID                | 1536                               |
| UniProt Accession #        | P04839                             |
| UniProt Protein Name       | Cytochrome b-245 heavy chain       |
| UniProt Gene Name          | CYBB                               |
| UniProt Synonym Gene Names | NOX2; Cytochrome b558 subunit beta |
| UniProt Entry Name         | CY24B_HUMAN                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nox2-gp91phox-antibody-clone-54-1-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/59586>