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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Cytochrome b-245 light chain [NS5] Bulk Size Ab03685-23.0-BT

Isotype and Format: Rabbit IgG, Kappa

Clone Number: NS5

Alternative Name(s) of Target: CYBA; flavocytochrome b; Cyt b; Cytochrome b(558) alpha chain; Cytochrome b558 subunit alpha; Neutrophil cytochrome b 22 kDa polypeptide; Superoxide-generating NADPH oxidase light chain subunit; p22 phagocyte B-cytochrome; p22-phox; p22phox

UniProt Accession Number of Target Protein: P13498

Published Application(s): IP, WB, ELISA

Published Species Reactivity: Human

Immunogen:

Specificity: The antibody recognises Cytochrome b-245 light chain (Epitope LLEYPRG+VKLFGP).

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody detected p22phox by western blot analysis. Further, the antibody immunoprecipitated Cyt b. The antibody showed moderate levels of inhibition of superoxide production by the NADPH oxidase complex (Taylor et al., 2004; PMID: 15585859).

Antibody First Published in: Taylor et al. Site-specific inhibitors of NADPH oxidase activity and structural probes of flavocytochrome b: characterization of six monoclonal antibodies to the p22phox subunit J Immunol. 2004 Dec 15;173(12):7349-57. [PMID:15585859](#)

Note on publication: The original paper describes the generation and characterization of the antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.