

Product Datasheet

Cytochrome b245 alpha Antibody (CS9) [Biotin] NBP1-40974B

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-40974B

Cytochrome b245 alpha Antibody (CS9) [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CS9
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Biotin
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	1535
Gene Symbol	CYBA
Species	Human
Reactivity Notes	0
Specificity/Sensitivity	This antibody recognises the light chain of cytochrome B245, also known as p22phox, a subunit of the nicotinamide adenine dinucleotide phosphate-oxidase (NADPH oxidase). NADPH oxidase is a membrane-bound enzyme complex in neutrophils that produces the superoxide anion (O ₂ ⁻) by transferring single electrons from NADPH inside the cell across the membrane and coupling them to molecular oxygen. Superoxide is used for the destruction of pathogens. Individuals with defects in NADPH oxidase suffer from chronic granulomatous disease, characterised by severe recurrent infections.
Immunogen	Cytochrome B245 solubilised in octyl-beta-glucopyranoside
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP1-40974B

NBP1-96888	Mouse IgG1 Isotype Control (MG1) [Biotin]
H00001535-P01-2ug	Recombinant Human Cytochrome b245 alpha GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBL1-09657	Cytochrome b245 alpha Overexpression Lysate

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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