

Mouse anti-Human Cytochrome b245 Alpha Light Chain/p22-phox Monoclonal Antibody | anti-p22-phox antibody

Cytochrome b245 Alpha Light Chain/p22-phox Monoclonal Antibody [CS9]

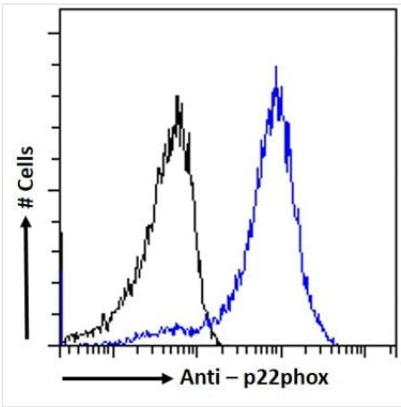
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59560	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

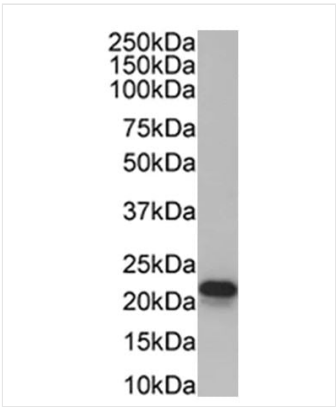
Cytochrome b245 Alpha Light Chain/p22-phox; Monoclonal Antibody; Cytochrome b245 Alpha Light Chain/p22-phox Monoclonal Antibody [CS9]; Superoxide-generating NADPH oxidase light chain subunit antibody; CYBA antibody; Cytochrome b(558) alphachain antibody; Cytochrome b558 subunit alpha antibody; Neutrophil cytochrome b 22 kDa polypeptide antibody; p22phagocyte B-cytochrome antibody; p22-phox antibody; p22phox antibody; anti-p22-phox antibody

PRODUCT SPECIFICATIONS

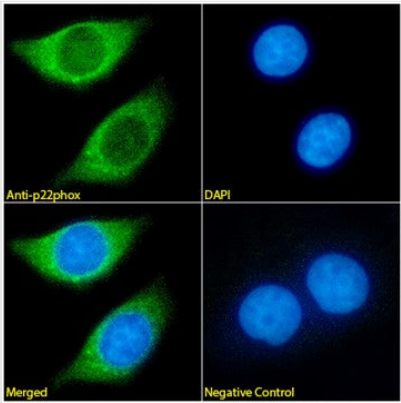
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CS9
Purity/Purification	Protein G purified
Form/Format	Purified antibody in PBS. Does not contain sodium azide or BSA
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-p22-phox antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Partially purified human neutrophil flavocytochrome b (heparin Ultrogellectin affinity purification in octyl glucoside)
Target Antigen	Cytochrome b245 Light Chain
Myeloma/Fusion Partners	P3U1 myeloma
Pubmed ID	28292946, 18453126, 15585859



FCM/FACS (Flow Cytometry)
Blue line: Flow cytometric analysis of MCF7 cells. Primary incubation 1hr (1:100 dilution) followed by Alexa Fluor 488 conjugated goat Anti-mouse IgG (1:1000 dilution). Black line: Anti-Unknown Specificity Isotype control



Application Data
1ug/ml) staining in human lymph node tissue lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IF (Immunofluorescence)
Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells. Primary incubation 1hr (1:100 dilution) followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Mouse IgG1 negative control followed by Alexa Fluor 488 secondary antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68509914
NCBI GeneID	1535
NCBI Accession #	NP_000092.2
NCBI GenBank Nucleotide #	NM_000101.3
UniProt Accession #	P13498; Q14090; Q9BR72
Molecular Weight	21,013 Da
NCBI Official Full Name	cytochrome b-245 light chain
NCBI Official Synonym Full Names	cytochrome b-245, alpha polypeptide
NCBI Official Symbol	CYBA
NCBI Official Synonym Symbols	p22-PHOX
NCBI Protein Information	cytochrome b-245 light chain; cytochrome b light chain; cytochrome b(558) alpha chain; cytochrome b(558) alpha-subunit; cytochrome b, alpha polypeptide; cytochrome b558 subunit alpha; flavocytochrome b-558 alpha polypeptide; neutrophil cytochrome b 22 kDa

UniProt Protein Name	Cytochrome b-245 light chain
UniProt Gene Name	CYBA
UniProt Synonym Gene Names	p22phox
UniProt Entry Name	CY24A_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/cytochrome-b245-alpha-light-chain-p22-phox-antibody-clone-cs9-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/59560>