

Rabbit anti-Human Cytochrome b5A Polyclonal Antibody | anti-CYB5A antibody

Rabbit anti-Cytochrome b5A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220299	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

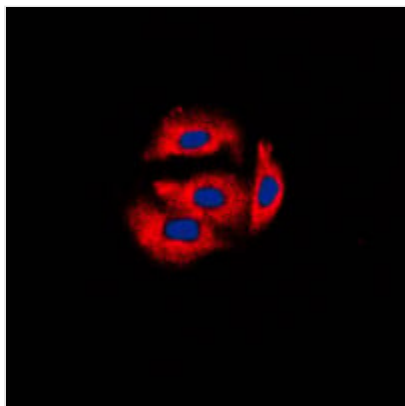
PRODUCT SYNONYMS

Cytochrome b5A; Polyclonal Antibody; Rabbit anti-Cytochrome b5A Antibody; CYB5; Cytochrome b5; Microsomal cytochrome b5 type A; MCB5; anti-CYB5A antibody

PRODUCT SPECIFICATIONS

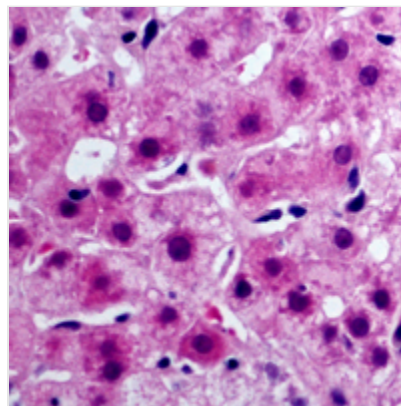
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Clone Number	186-2G9
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CYB5A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytochrome b5A. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



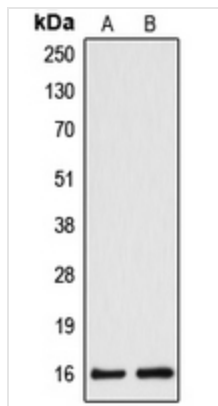
IF (Immunofluorescence)

Immunofluorescent analysis of Cytochrome b5A staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Cytochrome b5A staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. AEC was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Cytochrome b5A expression in HepG2 (A), HeLa (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CYB5A antibody	Primary antibodies
---	--------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	299829246
NCBI GeneID	1528
NCBI Accession #	NP_001177736.1
NCBI GenBank Nucleotide #	NM_001190807.2
UniProt Accession #	P00167; Q6IB14; A8MV91; F8WEU4
Molecular Weight	15,330 Da
NCBI Official Full Name	cytochrome b5 isoform 3
NCBI Official Synonym Full Names	cytochrome b5 type A (microsomal)
NCBI Official Symbol	CYB5A
NCBI Official Synonym Symbols	CYB5; MCB5
NCBI Protein Information	cytochrome b5; type 1 cyt-b5
UniProt Protein Name	Cytochrome b5
UniProt Gene Name	CYB5A
UniProt Synonym Gene Names	CYB5; MCB5
UniProt Entry Name	CYB5_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.