

Product Datasheet

Cytochrome b5 type A Antibody (4C2) - Azide and BSA Free H00001528-M05

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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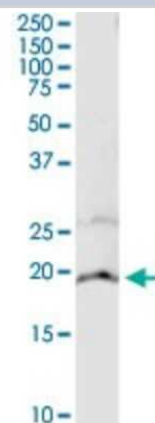
H00001528-M05**Cytochrome b5 type A Antibody (4C2) - Azide and BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4C2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1528
Gene Symbol	CYB5A
Species	Human
Specificity/Sensitivity	CYB5A - cytochrome b5 type A (microsomal) (4C2)
Immunogen	CYB5A (AAH15182, 1 a.a. ~ 134 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAEQSDEAVKYYTLEEIQKHNHNSKSTWLILHHKVYDLTKFLEEHPGGEEVLRE QAGGDATENFEDVGHSTDAREMSKTFIIGELHPDDRPKLNKPPETLITTIDSSSS WWTNWVIPAISAVAVALMYRLYMAED
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

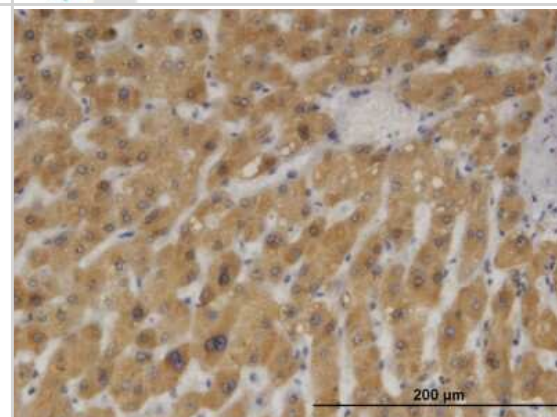


Images

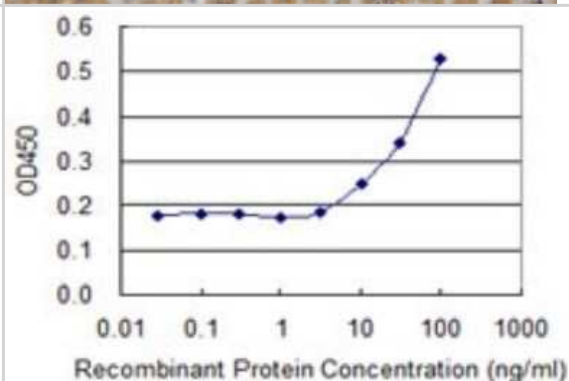
Western Blot: Cytochrome b5 type A Antibody (4C2) [H00001528-M05] - Analysis of CYB5A transfected lysate using anti-CYB5A monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CYB5A rabbit polyclonal antibody.



Immunohistochemistry-Paraffin: Cytochrome b5 type A Antibody (4C2) [H00001528-M05] - Analysis of monoclonal antibody to CYB5A on formalin-fixed paraffin-embedded human liver. Antibody concentration 3 ug/ml



Sandwich ELISA: Cytochrome b5 type A Antibody (4C2) [H00001528-M05] - Detection limit for recombinant GST tagged CYB5A is 3 ng/ml as a capture antibody.



Publications

Emanuele P, Emre A, Konstantin B et al. Cholesterol deprivation drives DHEA biosynthesis in human adrenals. *Endocrinology*. 2022-05-18 [PMID: 35583599]



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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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