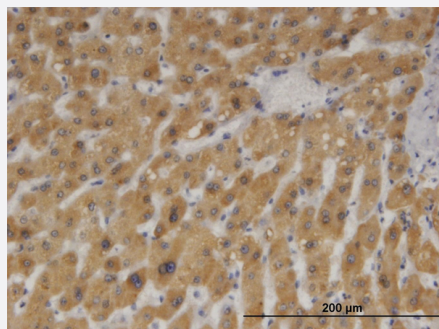


CYB5A monoclonal antibody (M05), clone 4C2

Catalog # H00001528-M05

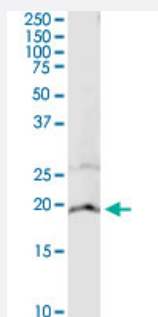
Size 100 ug

Applications



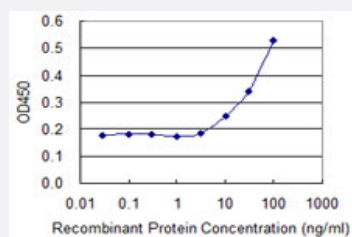
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CYB5A on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]



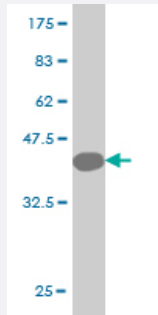
Immunoprecipitation

Immunoprecipitation of CYB5A transfected lysate using anti-CYB5A monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CYB5A MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CYB5A is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (40.48 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CYB5A.
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.
Sequence	MAEQSDEAVKYITLEEIQKHNSKSTWILHHKVYDLTKFLEEHPGGEEVLREQAGGDATENFED VGHSTDAREMSKTFIIGELHPDDRPKLNKPPETLITTIDSSSSWWTNWVIPASAVAVALMYRLYMA ED
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.48 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CYB5A on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of CYB5A transfected lysate using anti-CYB5A monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CYB5A MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CYB5A is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CYB5A

Entrez GeneID	1528
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GeneBank Accession#	BC015182
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Protein Accession#	AAH15182
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Gene Name	CYB5A
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Gene Alias	CYB5, MCB5
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Gene Description	cytochrome b5 type A (microsomal)
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Omim ID	250790
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Gene Ontology	Hyperlink
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Other Designations	cytochrome b-5 cytochrome b5 (microsomal) microsomal cytochrome b5 type 1 cyt-b5
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Publication Reference

- [Cholesterol deprivation drives DHEA biosynthesis in human adrenals.](#)

Emanuele Pignatti, Emre Murat Altinkilic, Konstantin Bräutigam, Michael Grössl, Aurel Perren, Mihaela Zavolan, Christa E Flück.
Endocrinology 2022 Jul; 163(7):bqac076.

Application: IF, Human, Human adrenal