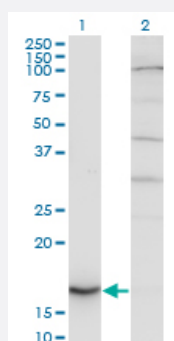


# CYB5A monoclonal antibody (M06), clone 1A8

Catalog # H00001528-M06

Size 100 ug

## Applications

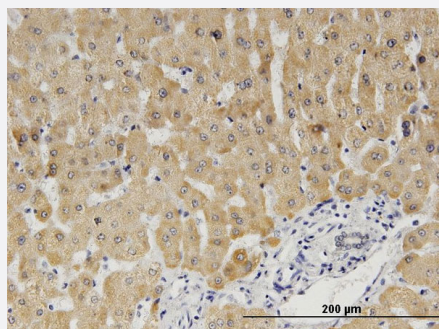


### Western Blot (Transfected lysate)

Western Blot analysis of CYB5A expression in transfected 293T cell line by CYB5A monoclonal antibody (M06), clone 1A8.

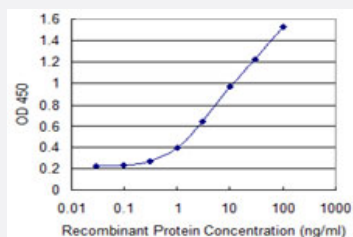
Lane 1: CYB5A transfected lysate(15.3 KDa).

Lane 2: Non-transfected lysate.



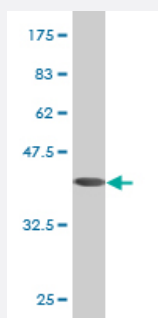
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CYB5A is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (40.48 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full-length recombinant CYB5A.
<b>Immunogen</b>	CYB5A (AAH15182, 1 a.a. ~ 134 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MAEQSDEAVKYYTLEEIQKHNSKSTWILHHKVYDLTKFLEEHPGGEEVLREQAGGDATENFED VGHSTDAREMSKTFIIGELHPDDRPKLNKPPETLITTIDSSSSWWTNWVIPASAVAVALMYRLYMA ED
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.48 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

### ● Western Blot (Transfected lysate)

Western Blot analysis of CYB5A expression in transfected 293T cell line by CYB5A monoclonal antibody (M06), clone 1A8.

Lane 1: CYB5A transfected lysate(15.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- 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](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CYB5A is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — CYB5A

Entrez GeneID [1528](#)

GeneBank Accession# [BC015182](#)

Protein Accession# [AAH15182](#)

Gene Name CYB5A

Gene Alias CYB5, MCB5

Gene Description cytochrome b5 type A (microsomal)

Omim ID [250790](#)

Gene Ontology [Hyperlink](#)

Other Designations cytochrome b-5|cytochrome b5 (microsomal)|microsomal cytochrome b5|type 1 cyt-b5

## Publication Reference

- [Pomegranate extracts impact the androgen biosynthesis pathways in prostate cancer models in vitro and in vivo.](#)

Ming DS, Pham S, Deb S, Chin MY, Kharmate G, Adomat H, Beheshti EH, Locke J, Guns ET.

The Journal of Steroid Biochemistry and Molecular Biology 2014 Sep; 143:19.

Application: WB-Ce, Human, LNCaP, 22RV1 cells