



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

CYP1B1 monoclonal antibody (M03), clone 2F8

Catalog # : H00001545-M03

規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant CYP1B1.
Immunogen:	CYP1B1 (NP_000095, 453 a.a. ~ 542 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	NKDLTSRVMIFSVGKRRRCIGEELSKMQLFLFISILAHQCDFRANPNEPAKM NFSYGLTIKPKSFKVNVTLRESMELLDSAVQNLQAKETC
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4

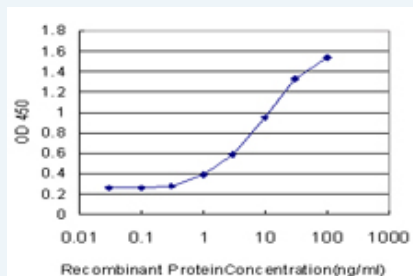
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged CYP1B1 is approximately 0.3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

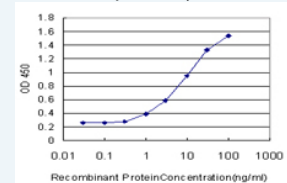
Gene Information


Entrez GeneID: [1545](#)

GeneBank Accession#: [NM_000104](#)

Application Image

Sandwich ELISA (Recombinant protein)



 [enlarge](#)

ELISA

Protein Accession#: [NP_000095](#)

Gene Name: CYP1B1

Gene Alias: CP1B, GLC3A, P4501B1

Gene Description: cytochrome P450, family 1, subfamily B, polypeptide 1

Omim ID: [137750](#), [137760](#), [231300](#), [601771](#), [604229](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The enzyme encoded by this gene localizes to the endoplasmic reticulum and metabolizes procarcinogens such as polycyclic aromatic hydrocarbons and 17beta-estradiol. Mutations in this gene have been associated with primary congenital glaucoma; therefore it is thought that the enzyme also metabolizes a signaling molecule involved in eye development, possibly a steroid. [provided by RefSeq]

Other Designations: aryl hydrocarbon hydroxylase, cytochrome P450, subfamily I (dioxin-inducible), polypeptide 1 (glaucoma 3, primary infantile), flavoprotein-linked monooxygenase, microsomal monooxygenase, xenobiotic monooxygenase

Gene Pathway

[Metabolism of xenobiotics by cytochrome P450](#) [Tryptophan metabolism](#)

Related Disease

[Abortion](#), [Habitual Abortion](#), [Spontaneous Adenocarcinoma](#) [Adenoma](#) [Adenoma](#), [Liver Cell](#) [Asperger Syndrome](#) [Asthma](#) [Asthma](#) [Atherosclerosis](#) [Atherosclerosis](#) [Autistic Disorder](#) [Brain Neoplasms](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma](#) [Carcinoma](#), [Ductal, Breast](#) [Carcinoma](#), [Hepatocellular](#) [Carcinoma](#), [Large Cell](#) [Carcinoma](#), [Non-Small-Cell Lung](#)

... see more