

CYP4B1 rabbit monoclonal antibody

Catalog # H00001580-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CYP4B1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CYP4B1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CYP4B1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CYP4B1

Entrez GeneID	1580
GeneBank Accession#	CYP4B1
Gene Name	CYP4B1
Gene Alias	CYP4B1, P-450HP
Gene Description	cytochrome P450, family 4, subfamily B, polypeptide 1
Omim ID	124075
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. This protein localizes to the endoplasmic re ticulum. In rodents, the homologous protein has been shown to metabolize certain carcinogens; h owever, the specific function of the human protein has not been determined. Two transcript variant s encoding slightly different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000009678 OTTHUMP00000009679 cytochrome P450, subfamily IVB, polypeptide 1 microsomal monooxygenase

Disease

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