CYP7B1 Antibody (monoclonal) (M06)
Mouse monoclonal antibody raised against a partial recombinant CYP7B1.
Catalog # AT1706a

Specification

CYP7B1 Antibody (monoclonal) (M06) - Product Information

Application
Primary Accession 075881
Other Accession NM_004820
Reactivity Human
Host mouse
Clonality Monoclonal
Isotype IgG2a Kappa
Clone Names 2B11
Calculated MW 58256

CYP7B1 Antibody (monoclonal) (M06) - Additional Information

Gene ID 9420

Other Names
25-hydroxycholesterol 7-alpha-hydroxylase,
Cytochrome P450 7B1, Oxysterol
7-alpha-hydroxylase, CYP7B1

Target/Specificity
CYP7B1 (NP_004811, 203 a.a. – 286 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB: 1:500~1000

Format
Clear, colorless solution in phosphate-buffered saline, pH 7.2.

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

Precautions
CYP7B1 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

CYP7B1 Antibody (monoclonal) (M06) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

Western Blot analysis of CYP7B1 expression in transfected 293T cell line by CYP7B1 monoclonal antibody (M06), clone 2B11.
Lane 1: CYP7B1 transfected lysate (58.256 KDa).
Lane 2: Non-transfected lysate.
CYP7B1 Antibody (monoclonal) (M06) - Background

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 endoplasmic reticulum membrane protein catalyzes the first reaction in the cholesterol catabolic pathway of extrahepatic tissues, which converts cholesterol to bile acids. This enzyme likely plays a minor role in total bile acid synthesis, but may also be involved in the development of atherosclerosis, neurosteroid metabolism and sex hormone synthesis.

CYP7B1 Antibody (monoclonal) (M06) - References