Mouse CYP2J2 Monoclonal Antibody | anti-CYP2J2 antibody

CYP2J2 antibody

CATALOG #	HOST	APPLICATIONS
AAA74880	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

CYP2J2; Monoclonal Antibody; CYP2J2 antibody; Monoclonal CYP2J2; Anti-CYP2J2; CPJ2; Cytochrome P450 2J2; Arachidonic acid epoxygenase; Cytochrome P450 family 2 subfamily J polypeptide 2; Cytochrome P450; Cytochrome P 450; Cytochrome P-450; anti-CYP2J2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2A9
Purity/Purification	CYP2J2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	502
Applicable Applications for anti-CYP2J2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	CYP2J2 is 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 reticulum and is thought to be the predominant enzyme responsible for epoxidation of endogenous arachidonic acid in cardiac tissue.
Cross-Reactivity	Human
Immunogen	CYP2J2 antibody was raised in mouse using a full length recombinant protein of human CYP2J2 (NP_000766) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant CYP2J2 protein using CYP2J2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CYP2J2 protein (Right) or empty vector (Left) detected with CYP2J2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2J2 antibody	Mouse monoclonal CYP2J2 antibody

Product Categories/Family for anti-CYP2J2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	18491008
NCBI GeneID	1573
NCBI Accession #	NP_000766
NCBI GenBank Nucleotide #	NM_000775.2
UniProt Accession #	P51589; Q8TF13; B2RD33
Molecular Weight	57,611 Da
NCBI Official Full Name	cytochrome P450 2J2
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily J, polypeptide 2
NCBI Official Symbol	CYP2J2
NCBI Official Synonym Symbols	CPJ2
NCBI Protein Information	cytochrome P450 2J2
UniProt Protein Name	Cytochrome P450 2J2
UniProt Gene Name	**CYP2J2**
UniProt Entry Name	CP2J2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/cyp2j2-antibody-clone-2a9-western-blot-immunofluorescence-flow-cytometry-elisa/74880