Mouse CYP2A6 Monoclonal Antibody | anti-CYP2A6 antibody

CYP2A6 antibody

CATALOG #	HOST	APPLICATIONS
AAA74808	**Mouse**	**Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

CYP2A6; Monoclonal Antibody; CYP2A6 antibody; Monoclonal CYP2A6; Anti-CYP2A6; Cytochrome P450 2A6; Cytochrome P450; Cytochrome P 450; Cytochrome P-450; anti-CYP2A6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3C1
Purity/Purification	CYP2A6 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	494
Applicable Applications for anti-CYP2A6 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	CYP2A6 is a member of the cytochrome P450 mixed-function oxidase system, which is involved in the metabolism of xenobiotics in the body. CYP2A6 is the primary enzyme responsible for the oxidation of nicotine and cotinine.
Cross-Reactivity	Human
Immunogen	CYP2A6 antibody was raised in mouse using a full length human recombinant of human CYP2A6 (NP_000753) 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

IHC (Immunohiostchemistry)
Immunohistochemical analysis of CYP2A6 protein in paraffin embedded Human liver tissue using CYP2A6 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CYP2A6 protein (Right) or empty vector (Left) detected with CYP2A6 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2A6 antibody	Mouse monoclonal CYP2A6 antibody

Product Categories/Family for anti-CYP2A6 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	189339233
NCBI GeneID	1548
NCBI Accession #	NP_000753
NCBI GenBank Nucleotide #	NM_000762.5
UniProt Accession #	P11509; P00190; P10890; Q16803; Q4VAT9; Q4VAU0; Q4VAU1; Q9H1Z7; Q9UCU0; Q9UK48; A7YAE5; B2R7F6
Molecular Weight	56,501 Da
NCBI Official Full Name	cytochrome P450 2A6
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily A, polypeptide 6
NCBI Official Symbol	CYP2A6
NCBI Official Synonym Symbols	CPA6; CYP2A; CYP2A3; P450PB; CYPIIA6; P450C2A
NCBI Protein Information	cytochrome P450 2A6
UniProt Protein Name	Cytochrome P450 2A6
UniProt Gene Name	**CYP2A6**
UniProt Synonym Gene Names	CYP2A3
UniProt Entry Name	CP2A6_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/cyp2a6-antibody-clone-3c1-western-blot-immunohistochemistry-flow-cytometry-elisa/74808