

Mouse anti-Human,Mouse CYP1B1 Monoclonal Antibody | anti-CYP1B1 antibody

CYP1B1 Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA330106	Mouse	Human,Mouse	Western Blot

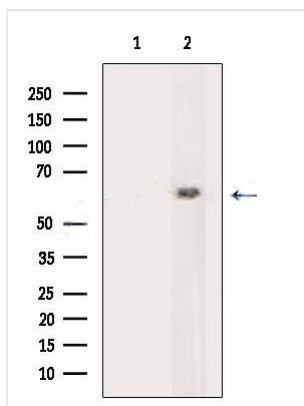
PRODUCT SYNONYMS

CYP1B1; Monoclonal Antibody; CYP1B1 Mouse Monoclonal Antibody; Aryl hydrocarbon hydroxylase; CP1B; CP1B1_HUMAN; Cyp1b1; CYP1B1; Cytochrome P450 1B1; Cytochrome P450 family 1 subfamily B polypeptide 1; Cytochrome P450 subfamily I (dioxin inducible) polypeptide 1 (glaucoma 3 primary infantile); Flavoprotein linked monooxygenase; GLC3A; Microsomal monooxygenase; P4501B1; Xenobiotic monooxygenase; anti-CYP1B1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human,Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for anti-CYP1B1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human CYP1B1, corresponding to a region within the internal amino acids
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from mouse brain tissue, using CYP1B1 Mouse Monoclonal Antibody. The lane on the left was treated with blocking-peptides.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP1B1 antibody	Cytochrome P450 1B1 (CYP1B1) is a key enzyme involved in the production of potentially carcinogenic estrogen metabolites and the activation of environmental carcinogens and is the predominant member of the CYP1 family expressed in normal breast tissue and breast cancer. Estrogen has been proposed to trigger breast cancer development via an initiating mechanism involving its metabolite, catechol estrogen (CE). CYP1B1 catalyzes the conversion of 17-beta-estradiol to the catechol estrogen metabolites 2-OH-E2 and 4-OH-E2 which have both been postulated to be involved in mammary carcinogenesis. Genetic polymorphisms in CYP1B1 may play an important role in human prostate carcinogenesis as well.
Product Categories/Family for anti-CYP1B1 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q16678
Molecular Weight	61kDa

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyp1b1-antibody-western-blot-elisa/330106>