

Mouse anti-Human CYP1A1 Monoclonal Antibody | anti-CYP1A1 antibody

Mouse Monoclonal [clone 6G5] (IgG1) to Human CYP1A1

CATALOG # AAA52544	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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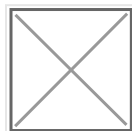
PRODUCT SYNONYMS

CYP1A1; Monoclonal Antibody; Mouse Monoclonal [clone 6G5] (IgG1) to Human CYP1A1; Anti-CYP1A1 Antibody (clone 6G5) IHC-plus; AHH; Aryl hydrocarbon hydroxylase; Cytochrome P450-C; CP11; CYPIA1; Cytochrome P450 form 6; Cytochrome p450 ia1; Cytochrome P450 1A1; Cytochrome P450-P1; p1-450; p450-C; p450DX; CYP1; Human CYP1A1; anti-CYP1A1 antibody

PRODUCT SPECIFICATIONS

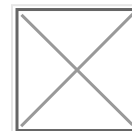
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6G5
Specificity	Human CYP1A1
Purity/Purification	Purified
Form/Format	PBS, 0.05% sodium azide, 0.05% protein stabilizer
Concentration	1 mg/ml (varies by lot)
Sequence Length	512
Applicable Applications for anti-CYP1A1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Purified recombinant fragment of human CYP1A1 expressed in E Coli.
Immunogen Type	Recombinant protein
Immunogen	CYP1A1 antibody was raised against purified recombinant fragment of human CYP1A1 expressed in E Coli.
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.

IMAGES



ELISA

Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



WB (Western Blot)

Western blot of CYP1A1 mAb against human CYP1A1 (AA: 203-461) recombinant protein. (Expected MW is 60 kDa)



IHC (Immunohistochemistry)

Anti-CYP1A1 antibody IHC staining of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CYP1A1 antibody	Family: Cytochrome P450
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503199
NCBI GeneID	1543
NCBI Accession #	NP_000490.1
NCBI GenBank Nucleotide #	NM_000499.3
UniProt Accession #	P04798; Q53G18; A4F3V9; A4F3W0
Molecular Weight	18,441 Da
NCBI Official Full Name	cytochrome P450 1A1
NCBI Official Synonym Full Names	cytochrome P450, family 1, subfamily A, polypeptide 1
NCBI Official Symbol	CYP1A1
NCBI Official Synonym Symbols	AHH; AHRR; CP11; CYP1; P1-450; P450-C; P450DX
NCBI Protein Information	cytochrome P450 1A1; CYP1A1; cytochrome P450-C; cytochrome P450-P1; cytochrome P450 form 6; xenobiotic monooxygenase; aryl hydrocarbon hydroxylase; flavoprotein-linked monooxygenase; cytochrome P1-450, dioxin-inducible; cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 1
UniProt Protein Name	Cytochrome P450 1A1
UniProt Gene Name	CYP1A1
UniProt Entry Name	CP1A1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyp1a1-antibody-clone-6g5-western-blot-immunohistochemistry-elisa/52544>