

Product Datasheet

Cytochrome p450 2J2 Antibody (2D10) - Azide and BSA Free H00001573-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00001573-M01

Cytochrome p450 2J2 Antibody (2D10) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2D10
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

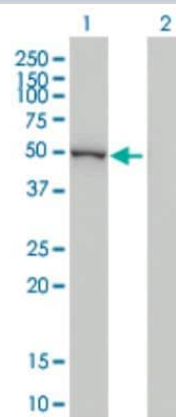
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1573
Gene Symbol	CYP2J2
Species	Human
Specificity/Sensitivity	CYP2J2 - cytochrome P450, family 2, subfamily J, polypeptide 2
Immunogen	CYP2J2 (NP_000766, 408 a.a. ~ 498 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LHRDPTEWATPDTFNPDHFLENGQFKKREAFMPFSIGKRACLGEQLARTELFIF FTSLMQKFTFRPPNNEKLSLKFRMGITISPVSHRLCA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against cell lysate, transfected lysate and recombinant protein for WB. It has been used for ELISA.

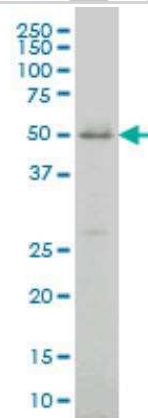


Images

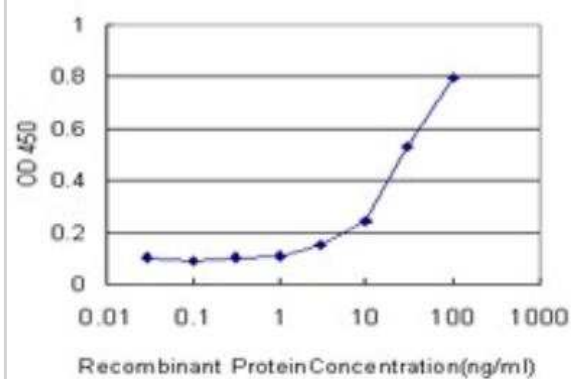
Western Blot: Cytochrome p450 2J2 Antibody (2D10) [H00001573-M01] - analysis of CYP2J2 expression in transfected 293T cell line by CYP2J2 monoclonal antibody (M01), clone 2D10. Lane 1: CYP2J2 transfected lysate (58 KDa). Lane 2: Non-transfected lysate.



Western Blot: Cytochrome p450 2J2 Antibody (2D10) [H00001573-M01] - CYP2J2 monoclonal antibody (M01), clone 2D10 Western Blot analysis of CYP2J2 expression in HepG2 (Cat # L019V1).



ELISA: Cytochrome p450 2J2 Antibody (2D10) [H00001573-M01] - Detection limit for recombinant GST tagged CYP2J2 is approximately 3ng/ml as a capture antibody.



Publications

Valkonen, S;Holopainen, M;Colas, RA;Impola, U;Dalli, J;Kakela, R;Siljander, PR;Laitinen, S; Lipid mediators in platelet concentrate and extracellular vesicles: Molecular mechanisms from membrane glycerophospholipids to bioactive molecules *Biochim Biophys Acta Mol Cell Biol Lipids* 2019-04-10 [PMID: 30980920] (WB, Human)

Park JW, Lee CM, Cheng JS et al. Posttranslational regulation of CYP2J2 by nitric oxide. *Free Radic Biol Med* 2018-04-30 [PMID: 29715548]

Lee CA, Jones JP 3rd, Katayama J et al. Identifying a Selective Substrate and Inhibitor Pair for the Evaluation of CYP2J2 Activity. *Drug Metab Dispos.* 2012-02-10 [PMID: 22328583]

Herse F, Lamarca B, Hubel CA et al. CYP2J2 Expression and Circulating Epoxyeicosatrienoic Metabolites in Preeclampsia. *Circulation.* 2012-11-15 [PMID: 23155181]

Kaspera R, Kirby BJ, Sahele T et al. Investigating the contribution of CYP2J2 to ritonavir metabolism in vitro and in vivo. *Biochem Pharmacol.* 2014-06-25 [PMID: 24973543]

Pearson T, Warren AY, Barrett DA et al. Detection of EETs HETEs-generating Cytochrome P450 Enzymes the Effects of their Metabolites on Myometrial Vascular Function. *Am J Physiol Endocrinol Metab.* 2009-06-23 [PMID: 19549792]





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Products Related to H00001573-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00001573-Q01-10ug	Recombinant Human Cytochrome p450 2J2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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