

Product datasheet

Cytochrome P450 2A6 overexpression 293T lysate (whole cell) ab94284

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Overview

Product name	Cytochrome P450 2A6 overexpression 293T lysate (whole cell)
General notes	ab94284 is a 293T cell transfected lysate in which Human Cytochrome P450 2A6 has been transiently over-expressed using a pCMV-Cytochrome P450 2A6 plasmid. The lysate is provided in 1X Sample Buffer.
Tested applications	Suitable for: WB

Properties

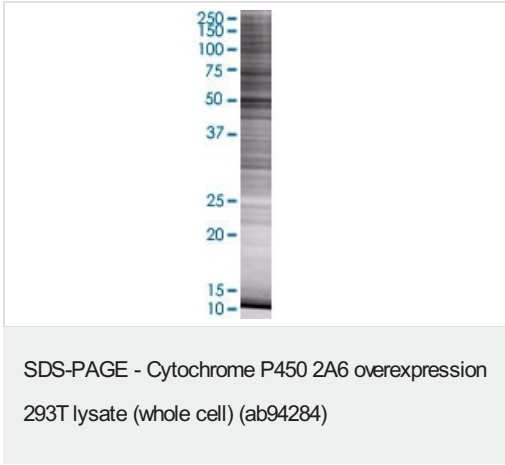
Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Function: Exhibits a high coumarin 7-hydroxylase activity. Can act in the hydroxylation of the anti-cancer drugs cyclophosphamide and ifosphamide. Competent in the metabolic activation of aflatoxin B1. Constitutes the major nicotine C-oxidase. Possesses low phenacetin O-deethylation activity. Tissue specificity: Liver. Similarity: Belongs to the cytochrome P450 family.

Applications

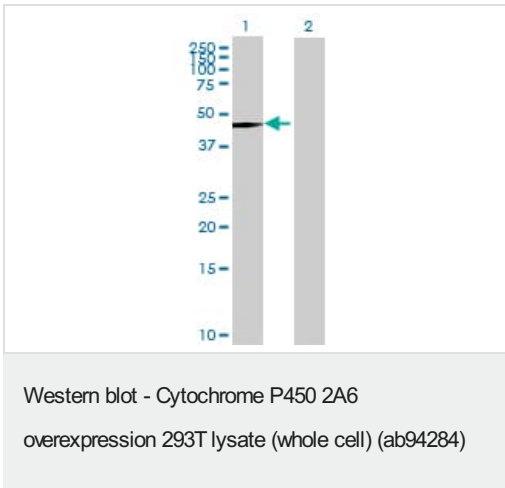
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94284 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



ab94284 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-CYP2A6 antibody (**ab89633**) at 1/500 dilution

Lane 1 : Cytochrome P450 2A6 overexpression 293T lysate
(whole cell) (ab94284)

Lane 2 : 293T Non Transfected Lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at
1/2500 dilution

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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