

Product datasheet

Anti-CYP3A5 antibody [F18 P3 B6] ab56076

[1 Abreviews](#) [1 References](#) [3 Images](#)

Overview

Product name	Anti-CYP3A5 antibody [F18 P3 B6]
Description	Mouse monoclonal [F18 P3 B6] to CYP3A5
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human, Recombinant fragment
Immunogen	Synthetic peptide corresponding to Human CYP3A5 (C terminal).
Positive control	Oesophageal Squamous cell carcinoma tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.08% Sodium azide Constituent: PBS
Clonality	Monoclonal
Clone number	F18 P3 B6
Myeloma	Ag8.653
Isotype	IgG1

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab56076 in the following tested applications.

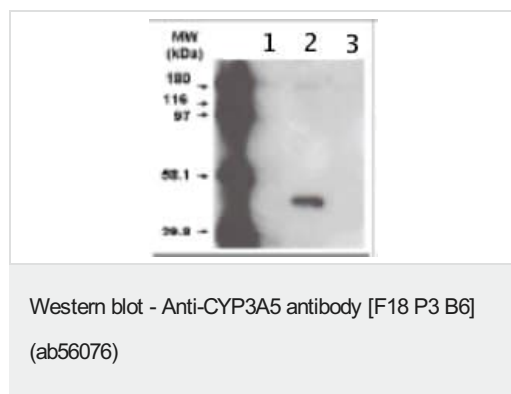
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 57 kDa (predicted molecular weight: 57 kDa).
IHC-P		Use a concentration of 1 - 5 µg/ml.

Target

Function	Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.
Sequence similarities	Belongs to the cytochrome P450 family.
Cellular localization	Endoplasmic reticulum membrane. Microsome membrane.

Images



All lanes : Anti-CYP3A5 antibody [F18 P3 B6] (ab56076) at 2 µg/ml

Lane 1 : CYP3A4 recombinant

CYP450 protein

Lane 2 : CYP3A5 recombinant

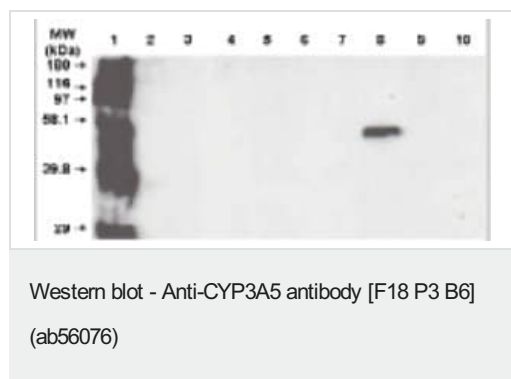
CYP450 protein

Lane 3 : CYP3A7 recombinant

CYP450 protein

Predicted band size: 57 kDa

Observed band size: 57 kDa



Lane 1 : Molecular weight markers

Lanes 2-10 : Anti-CYP3A5 antibody [F18 P3 B6] (ab56076) at 2 µg/ml

Lane 2 : CYP1A1 recombinant protein

Lane 3 : CYP2C18 recombinant protein

Lane 4 : CYP2C19 recombinant protein

Lane 5 : CYP2D6 recombinant protein

Lane 6 : CYP4F2 recombinant protein

Lane 7 : CYP4F3 recombinant protein

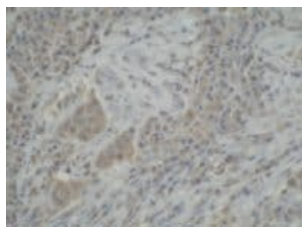
Lane 8 : CYP3A5 recombinant protein

Lane 9 : CYP3A7 recombinant protein

Lane 10 : Negative control

Predicted band size: 57 kDa

Observed band size: 57 kDa



Oesophageal squamous cell carcinoma tissue stained with ab56076 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CYP3A5 antibody [F18 P3 B6] (ab56076)

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

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