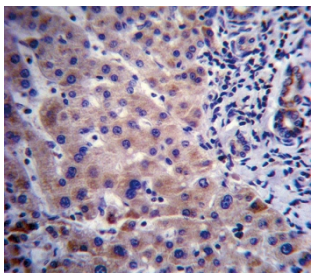
CYP3A4 Antibody / Cytochrome P450 3A4 (F55084)

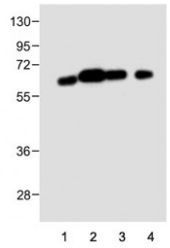
Catalog No.	Formulation	Size
F55084-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F55084-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

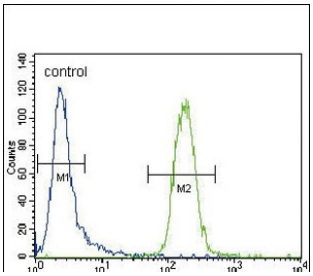
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P08684
Applications	Western blot: 1:500-1:1000 Flow cytometry: 1:10-1:50 per million cells in 0.1ml Immunohistochemistry (FFPE): 1:10-1:50
Limitations	This CYP3A4 antibody is available for research use only.



IHC staining of FFPE human liver tissue with CYP3A4 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) HepG2, 2) A549, 3) HT-29 and 4) OVCAR3 cell lysate with CYP3A4 antibody. Expected molecular weight: 50-57 kDa.



Flow cytometry testing of fixed and permeabilized human CEM cells with CYP3A4 antibody; Blue=isotype control, Green= CYP3A4 antibody.

Description

CYP3A4 is a member of the cytochrome P450 enzyme family, which plays a role in the metabolism of various drugs and xenobiotics in the human body. CYP3A4 is responsible for metabolizing over half of all clinically prescribed drugs, making it one of the most important drug-metabolizing enzymes in the body.

Application Notes

The stated application concentrations are suggested starting points. Titration of the CYP3A4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 228-255 from the human protein was used as the immunogen for the CYP3A4 antibody.

Storage

Aliquot the CYP3A4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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