

Anti-Cytochrome P450 3A4 CYP3A4 Monoclonal Antibody

Catalog Number: M00339

About CYP3A4

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

Product Name	Anti-Cytochrome P450 3A4 CYP3A4 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Cytochrome P450 3A4 CYP3A4 Monoclonal Antibody catalog # M00339. Tested in WB, IHC, IP applications. This antibody reacts with Human.
Application	IP, IHC, WB
Clonality	Monoclonal ACDE-3
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P08684

Technical Details

Immunogen	A synthesized peptide derived from human Cytochrome P450 3A4 Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It performs a variety of oxidation reactions (e.g. caffeine 8-oxidation, omeprazole sulfoxidation, midazolam 1'-hydroxylation and midazolam 4-hydroxylation) of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. The enzyme also hydroxylates etoposide.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

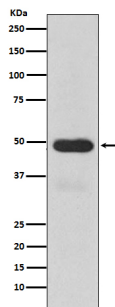
Boster Bio's internal QC testing used:

WB 1:1000-1:5000

IHC 1:50-1:200

IP 1:50

Anti-Cytochrome P450 3A4 CYP3A4 Monoclonal Antibody (M00339) Images



Western blot analysis of Cytochrome P450 3A4 expression in Human fetal liver lysate.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Cytochrome P450 3A4 CYP3A4 Monoclonal Antibody