

Anti-Cytochrome P450 3A4 CYP3A4 Monoclonal Antibody

Catalog Number: M00339

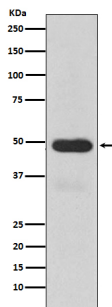
Overview

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 stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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 sulphoxidation, 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	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	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.

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