

Cytochrome P450 3A4 Conjugated Antibody

Catalog No: #C49592



Package Size: #C49592-AF350 100ul #C49592-AF405 100ul #C49592-AF488 100ul
 #C49592-AF555 100ul #C49592-AF594 100ul #C49592-AF647 100ul
 #C49592-AF680 100ul #C49592-AF750 100ul #C49592-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	Cytochrome P450 3A4 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	1,8-cineole 2-exo-monooxygenase antibody Albendazole monooxygenase antibody Albendazole sulfoxidase antibody CP33 antibody CP34 antibody CP3A4_HUMAN antibody CYP3 antibody CYP3A antibody CYP3A3 antibody CYP3A4 antibody CYP3A4 antibody CYP3A4 antibody CYP3A4 antibody Cytochrome P450 3A3 antibody Cytochrome P450 3A4 antibody Cytochrome P450 family 3 subfamily A polypeptide 4 antibody Cytochrome P450 HLP antibody Cytochrome P450 NF-25 antibody Cytochrome P450 subfamily IIIA polypeptide 4 antibody cytochrome P450, subfamily IIIA (nifedipine oxidase), polypeptide 3 antibody cytochrome P450, subfamily IIIA (nifedipine oxidase), polypeptide 4 antibody Cytochrome P450-PCN1 antibody Glucocorticoid inducible P450 antibody HLP antibody MGC126680 antibody NF 25 antibody NF25 antibody Nifedipine oxidase antibody P450 III steroid inducible antibody P450 PCN1 antibody P450, family III antibody P450C3 antibody P450PCN1 antibody Quinine 3 monooxygenase antibody Quinine 3-monooxygenase antibody Taurochenodeoxycholate 6 alpha hydroxylase antibody Taurochenodeoxycholate 6-alpha-hydroxylase antibody
Accession No.	Swiss-Prot#:P08684
Uniprot	P08684
GeneID	1576;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	57 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

CYP3A, the most abundant p450 enzyme in human liver, is responsible for the metabolism of more than 50% of the clinical test & it; RTI ID = 0.0 & gt; (cYP3A) genes encode monooxygenases-enzymes which catalyze drug metabolism and the synthesis of cholesterol, steroids and other lipids. CYP3A family members localize in organs that associate with drug disposition, including the liver, gastrointestinal tract and kidney. The CYP3A cluster maps to gene locus 7q22.1 and consists of four genes (CYP3A4, CYP3A5, CYP3A7 and CYP3A43) and two pseudogenes (CYP3A4 is abundant in the endoplasmic reticulum of liver cells and upper intestinal enterocytes. CYP3A4 expression is isducible by glucocorticoids pharmacological agents.

Note: This product is for in vitro research use only