

CYP2B6 Conjugated Antibody

Catalog No: #C37518



Package Size: #C37518-AF350 100ul #C37518-AF405 100ul #C37518-AF488 100ul
 #C37518-AF555 100ul #C37518-AF594 100ul #C37518-AF647 100ul
 #C37518-AF680 100ul #C37518-AF750 100ul #C37518-Biotin 100ul

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Description

Product Name	CYP2B6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CYP2B6 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human cytochrome P450, family 2, subfamily B, polypeptide 6
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CPB6; EFVM; IIB1; P450; CYP2B; CYP2B7; CYP2B7P; CYP11B6
Accession No.	Swiss-Prot#:P20813NCBI Gene ID:1555NCBI mRNA#:NCBI Protein#:YP_003024038
Uniprot	P20813
GeneID	1555;
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	56
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

Background

This gene, CYP2B6, encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum and its expression is induced by phenobarbital. The enzyme is known to metabolize some xenobiotics, such as the anti-cancer drugs cyclophosphamide and ifosfamide.

Note: This product is for in vitro research use only