

Cytochrome P450 1A1/2 Conjugated Antibody

Catalog No: #C34227



Package Size: #C34227-AF350 100ul #C34227-AF405 100ul #C34227-AF488 100ul
 #C34227-AF555 100ul #C34227-AF594 100ul #C34227-AF647 100ul
 #C34227-AF680 100ul #C34227-AF750 100ul #C34227-Biotin 100ul

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Description

Product Name	Cytochrome P450 1A1/2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total Cytochrome P450 1A1/2 protein.
Immunogen Description	Synthesized peptide derived from internal of human Cytochrome P450 1A1/2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AHH;AHRR;CP11;CYP1;CYPIA1
Accession No.	Swiss-Prot#:P04798/P05177NCBI Gene ID:1543/1544
Uniprot	P04798
GeneID	1543;
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	58
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.

Note: This product is for in vitro research use only