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[Primary Antibody]

Recombinant Rabbit Anti-CYP1A2 Monoclonal Antibody

Catalog Number: SLA1758M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	19B9
GeneID:	1544
SWISS:	P05177
Target:	CYP1A2
Immunogen:	A synthesized peptide derived from human Cytochrome P450 1A2
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Flow-Cyt (1:100-200) ICC/IF (1:100-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	58 kDa
Subcellular Location:	Cytoplasm
Background:	A cytochrome P450 monooxygenase involved in the metabolism of various endogenous substrates, including fatty acids, steroid hormones and vitamins. Mechanistically, uses molecular oxygen inserting one oxygen atom into a substrate, and reducing the second into a water molecule, with two electrons provided by NADPH via cytochrome P450 reductase (NADPH--hemoprotein reductase).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.