

MONOCLONAL ANTIBODY DATASHEET



Clone RP1.2B4 against human CYP2A6

Product Description	Monoclonal antibody directed against human CYP2A6 (see below). Supplied as hybridoma supernatant (unpurified).
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Intended Use	For laboratory (research) purposes only.
Isotype	IgG1, κ
Clone	RP1.2B4
Immunogen	Human CYP
B Cell Donor	BALB-c mouse
Fusion Partner	Ag 8563
Positive Control	Western blot: recombinant CYP, 0.49 pmol per lane.

Applications

Recommended Usage Conditions (conditions should be optimized by the user)

ELISA	not tested	n/a
Western blot	✓	1/10 dilution
Reference	Barnes, T. S. (1987). The generation and characterization of monoclonal antibodies to human cytochrome P450. Ph. D. Thesis. University of Aberdeen	
	CYP2A enzymes were present at a significantly higher level of intensity in primary ovarian cancer compared with normal ovary.	

WESTERN BLOT

1A1	1A2	1B1	2A6	2B6	2C8	2C9	2C18	2C19
-	-	-	+	-	-	-	-	-
2D6	2E1	4A11	4F2	3A4	3A5	3A7	liver	
-	-	-	-	-	-	-	+	

Reactivity with recombinant CYPs and liver

WESTERN BLOT OF RECOMBINANT CYP450s

