

MONOCLONAL ANTIBODY DATASHEET



Clone 5E2 against human CYP1B1

Product Description	Monoclonal antibody directed against human CYP1B1. Predicted to cross-react with mouse and rat. Does not react with CYP1A1. 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	5E2
Immunogen	Ovalbumin-conjugated synthetic peptide; PENFDPARFLDKDGL (amino-acids 437-451 of human CYP1B1)
B Cell Donor	BALB-c mouse
Fusion Partner	Ag 8563
Positive Control	IHC: formalin-fixed, paraffin-embedded ovarian cancer sections. Western blot: recombinant human CYP1B1 expressed in lymphoblast microsomes.

Applications		Recommended Usage Conditions (conditions should be optimised by the user)
ELISA	✓	Undiluted
Western blot	✓	1/10 dilution
IHC	✓	1/10 dilution; antigen retrieval: microwave 20 min @ 800W in 10 mM citrate buffer, pH 6.0

