Anti-Cytochrome P450 1B1 [V96]

Catalogue number: 152700
Sub-type: Primary antibody
Images:

Contributor

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Institute: Vertebrate Antibodies Limited
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Cytochrome P450 1B1 [V96]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: 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.Participates in the metabolism of an as-yet-unknown biologically active molecule that is a participant in eye development. CYP1B1 is upregulated in tumour cells and is a therapeutic target
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1 kappa
Reactivity: Human ; Mouse ; Rat
Selectivity:
Host: Mouse
Immunogen: Ovalbumin-conjugated synthetic peptide - GSAFADRPAF.
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:

IHC: formalin-fixed, paraffin-embedded ovarian cancer sections; Western Blot: Recombinant human CYP1B1 expressed in lymphoblast microsomes
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Cytochrome P450, Family 1, Subfamily B, Polypeptide 1, CYP1B1

Target alternate names:

Target 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.Participates in the metabolism of an as-yet-unknown biologically active molecule that is a participant in eye development. CYP1B1 is upregulated in tumour cells and is a therapeutic target

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-Cytochrome P450 1B1 [5E2]

References

References: McFadyen et al. 1999. J Histochem Cytochem. 47(11):1457-64. PMID: 10544218. ; Immunohistochemical localization of cytochrome P450 CYP1B1 in breast cancer with monoclonal antibodies specific for CYP1B1.