

Anti-Cytochrome P450 1B1 [5E2]

Catalogue number: 152699

Sub-type: Primary antibody

Images:

Contributor

Inventor: Ayham Alnabulsi

Institute: Vertebrate Antibodies Limited

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Cytochrome P450 1B1 [5E2]

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 - PENFDPARFLDKDGL

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: 52 kDa

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 [V96]

References

References:

CancerTools.org