

Anti-Cytochrome P450 2W1 [V32-P5E5]

Catalogue number: 152598

Sub-type: Primary antibody

Images:

Contributor

Inventor: Ayham Alnabulsi

Institute: Vertebrate Antibodies Limited

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Cytochrome P450 2W1 [V32-P5E5]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Cytochrome P450, family 2, subfamily W, Polypeptide 1 (CYP2W1) is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. CYP2W1 has been shown to be mainly expressed in tumors and not in normal human tissue. Has been implicated in colorectal cancer.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2b

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Ovalbumin-conjugated synthetic peptide - RYRLLPPPGV (C-terminal sequence)

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

For western blot - pooled liver microsomes

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Cytochrome P450, family 2, subfamily W, Polypeptide 1 (CYP2W1)

Target alternate names:

Target background: Cytochrome P450, family 2, subfamily W, Polypeptide 1 (CYP2W1) is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. CYP2W1 has been shown to be mainly expressed in tumors and not in normal human tissue. Has been implicated in colorectal cancer.

Molecular weight: 55 kDa

Ic50:

Applications

Application: ELISA ; IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -20° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Julien et al. 2009. Br J Cancer. 100(11):1746-54. PMID: 19436292. ; Sialyl-Tn vaccine induces antibody-mediated tumour protection in a relevant murine model. ; Smith et al. 1999. Immunology. 97(4):648-55. PMID: 10457219. ; Expression of B7.1 in a MUC1-expressing mouse mammary epithelial tumour cell line inhibits tumorigenicity but does not induce autoimmunity in MUC1 transgenic mice. ; Lalani et al. 1991. J Biol Chem. 266(23):15420-6. PMID: 1714457. ; Expression of the gene coding for a human mucin in mouse mammary tumor cells can affect their tumorigenicity.

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