

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CYP2C8/9/18/19 (M136) Peptide

Cat No.: BS2195P

Background

The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The CYP2C (CYP11C) subfamily comprises a group of constitutively expressed genes, some phenobarbital-induced genes, and several genes associated with sex-specific expression. Originally, at least 7 genes were assigned to the CYP2C subfamily, which maps to human 10q24.1-q24.3 and mouse chromosome 19. Humans contain fewer genes in this cluster than do mice or rats. Four genes are arranged in the following order and orientation along human chromosome 10: RBP4, CYP2C18, CYP2C19/CYP2C9, and CYP2C8. The previously identified CYP2C10 is an artifact of CYP2C9 and not a distinct isoform. All of the CYP2C proteins localize to the endoplasmic reticulum.

Swiss-Prot

P33260/P10632/P11712/P33261

Applications

Blocking

Specificity

This peptide can be used with studies using BS2195 CYP2C8/9/18/19 (M136) pAb.

Purification & Purity

Synthetic peptide CYP2C8/9/18/19 (M136). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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