# Anti-Cytochrome P450 2C2, 2B1/2 [h7]

**Catalogue number:** 151028
**Sub-type:** Primary antibody
**Images:**

## Contributor

**Inventor:** Roland Wolf
**Institute:** University of Dundee
**Images:**

## Tool details

***FOR RESEARCH USE ONLY**

**Name:** Anti-Cytochrome P450 2C2, 2B1/2 [h7]

**Alternate name:**



**Class:** Monoclonal
**Conjugate:** Unconjugated
**Description:** The CYP2 family are part of the microsomal drug metabolising system that is responsible for oxidation of many therapeutic agents as well as steroids, fatty acids and many other endogenous substances. CYP2B1 and CYP2B2 are the major phenobarbital-inducible rat hepatic cytochromes P-450s. This reagent was created through a research collaboration between Cancer Research UK and Syngenta Crop Protection AG.
**Purpose:**
**Parental cell:**
**Organism:**
**Tissue:**
**Model:**
**Gender:**
**Isotype:** IgG1
**Reactivity:** Rat
**Selectivity:**
**Host:** Mouse
**Immunogen:** Rat liver cytochrome P450 2C2
**Immunogen UNIPROT ID:**
**Sequence:**
**Growth properties:**
**Production details:**
**Formulation:**
**Recommended controls:**

**Bacterial resistance:**
**Selectable markers:**
**Additional notes:**

## Target details

**Target:** Cytochrome P450 2C2, 2B1/2, CYP2C2, CYP2B1/2

**Target alternate names:**

**Target background:** The CYP2 family are part of the microsomal drug metabolising system that is responsible for oxidation of many therapeutic agents as well as steroids, fatty acids and many other endogenous substances. CYP2B1 and CYP2B2 are the major phenobarbital-inducible rat hepatic cytochromes P-450s. This reagent was created through a research collaboration between Cancer Research UK and Syngenta Crop Protection AG.

**Molecular weight:** 51 kDa

**Ic50:**



## Applications

**Application:** ELISA ; 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:**

## References

**References:** Sagou et al. 2009. J Virol. 83(11):5773-83. PMID: 19297494. ; Regulation of the catalytic activity of herpes simplex virus 1 protein kinase Us3 by autophosphorylation and its role in pathogenesis. ; Glauser et al. 2007. J Virol. 81(9):4732-43. PMID: 17314170. ; Live covisualization of competing adeno-associated virus and herpes simplex virus type 1 DNA replication: molecular mechanisms of interaction.