

Datasheet for ABIN705511

**anti-UGT2B4 antibody (AA 111-210) (Cy5.5)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | UGT2B4                                                                                                                         |
| Binding Specificity: | AA 111-210                                                                                                                     |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This UGT2B4 antibody is conjugated to Cy5.5                                                                                    |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human UGT2B4 |
| Isotype:              | IgG                                                        |
| Predicted Reactivity: | Human, Sheep                                               |
| Purification:         | Purified by Protein A.                                     |

## Target Details

|                   |                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------|
| Target:           | UGT2B4                                                                                  |
| Alternative Name: | UGT2B4 ( <a href="#">UGT2B4 Products</a> )                                              |
| Background:       | Synonyms: HLUG25, Hyodeoxycholic acid, UDP glucuronosyltransferase 2 family polypeptide |

## Target Details

B4, UDP glucuronosyltransferase 2B4 precursor, UDP glucuronyltransferase family 2 beta 4, UDP glycosyltransferase 2 family polypeptide B4, UDP glycosyltransferase, UDPGT, UDPGTh 1, UDPGTh1, UGT2B11, UGT2B4, UD2B4\_HUMAN.

Background: The UDP-Glucuronosyltransferases (UGT) comprise a family of enzymes that detoxify and enhance the urinary excretion of a wide variety of xenobiotic and endogenous substrates by transferring glucuronic acid to sulfhydryl, hydroxyl, aromatic amino, or carboxylic acid groups. They have been subdivided into two families, UGT1 and UGT2, based on the evolutionary divergence of their genes. The enzymes of the UGT1A family play an important role in the metabolism of dietary constituents, phenols, and therapeutic drugs, and also the glucuronidation of bilirubin and iodothyronines. The enzymes of the UGT2B family are involved in the metabolism of bile acids, phenol derivatives, catecholestrogens and steroids. Although it is widely recognized that the liver is the major site of glucuronidation, it is now clear that UGT enzymes are also found in extra-hepatic tissues.

Gene ID: 7363

Pathways: [Steroid Hormone Biosynthesis](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

## Handling

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Expiry Date: 12 months