

UGT1A4 Mouse Monoclonal Ab

[Images\(1\)](#)

Cat.#: BF8101	Concn.: ~1mg/ml	Mol.Wt.: 60kDa
Size: 100ul	Source: Mouse	Clonality: Monoclonal

Application: WB 1:1000-1:5000

*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

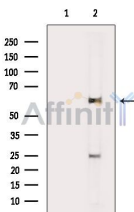
Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: A synthesized peptide derived from human UGT1A4, corresponding to a region within N-terminal amino acids.

Uniprot: P22310

Description: This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. The locus includes thirteen unique alternate first exons followed by four common exons. Four of the alternate first exons are considered pseudogenes. Each of the remaining nine 5' exons may be spliced to the four common exons, resulting in nine proteins with different N-termini and identical C-termini. Each first exon encodes the substrate binding site, and is regulated by its own promoter.



Western blot analysis of extracts from Mouse muscle, using UGT1A4 Mouse Monoclonal Ab. The lane on the left was treated with blocking peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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