

GSTA1 monoclonal antibody

Catalog: MB66840

Host: Mouse

Reactivity: Human, Rat

BackGround:

Glutathione S-transferase that catalyzes the nucleophilic attack of the sulfur atom of glutathione on the electrophilic groups of a wide range of exogenous and endogenous compounds (Probable). Involved in the formation of glutathione conjugates of both prostaglandin A2 and prostaglandin J2. It also catalyzes the isomerization of D5-androstene-3,17-dione into D4-androstene-3,17-dione and may therefore play an important role in hormone biosynthesis. Through its glutathione-dependent peroxidase activity toward the fatty acid hydroperoxide (13S)-hydroperoxy-(9Z,11E)-octadecadienoate/13-HPODE it is also involved in the metabolism of oxidized linoleic acid.

Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 26 kDa

Swiss-Prot:

P08263

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/2000)

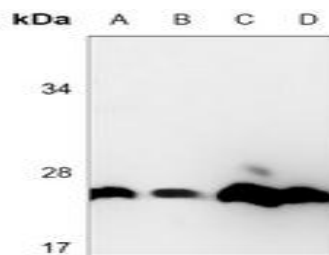
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of GSTA1 protein.

DATA:



Western blot analysis of GSTA1 expression in HepG2 (A), Caco2 (B), LNCap (C), rat liver tissue (D) whole cell lysates.

Note:

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

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