Recombinant **DGRmAb®**

GSTA3 (DGR14835) Rabbit mAb

db11594

Package : 10μL   20μL   50μL   100μL

Product Name : GSTA3 (DGR14835) Rabbit mAb

Cat.No.: db11594

Synonyms : GTA3; GSTA3-3

Application : WB

Reactivity : Human,Mouse,Rat

Host species : Rabbit

Background	Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. These enzymes are involved in cellular defense against toxic, carcinogenic, and pharmacologically active electrophilic compounds. At present, eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. This gene encodes a glutathione S-tranferase belonging to the alpha class genes that are located in a cluster mapped to chromosome 6. Genes of the alpha class are highly related and encode enzymes with glutathione peroxidase activity. However, during evolution, this alpha class gene diverged accumulating mutations in the active site that resulted in differences in substrate specificity and catalytic activity. The enzyme encoded by this gene catalyzes the double bond isomerization of precursors for progesterone and testosterone during the biosynthesis of steroid hormones. An additional transcript variant has been identified, but its full length sequence has not been determined. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human GSTA3
Gene ID	2940
Swiss Prot	Q16772
Synonyms	GTA3; GSTA3-3
Reactivity	Human,Mouse,Rat
Application	WB
Recommended dilution	WB: 1:1000
Calculated MW	25 kDa
Observed MW	25 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR14835
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
	Western blot detection of GSTA3 in C6,3T3,Hela cell lysates using GSTA3 antibody(1:1000 diluted).