

Recombinant

DGRmAb®

## GST3 (DGR14472) Rabbit mAb

db11629

Package : 10µL 20µL 50µL 100µL

**Product Name :** GST3 (DGR14472) Rabbit mAb**Cat.No.:** db11629**Synonyms :** PI; DFN7; GST3; GSTP; FAEES3; HEL-S-22**Application :** WB, IHC-P, ICC/IF, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human GST3/GST pi

**Gene ID**

2950

**Swiss Prot**

P09211

**Synonyms**

PI; DFN7; GST3; GSTP; FAEES3; HEL-S-22

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:100

ICC/IF: 1:50

FC: 1:20-1:50

**Calculated MW**

23 kDa

**Observed MW**

23 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR14472

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	<div>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.</div> <div><div></div><div>Western blot detection of GST3/GST pi in K562,C6,3T3,Hela cell lysates using GST3/GST pi antibody(1:1000 diluted).</div></div> <div><div></div><div>Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using db11629 antibody.</div></div> <div><div></div><div>Immunofluorescent analysis of A549 cells using db11629 antibody (green), and DAPI (blue).</div></div>