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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GSTP1 monoclonal antibody (M01), clone 2G6-F6

Catalog Number: H00002950-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant GSTP1.

Clone Name: 2G6-F6

Immunogen: GSTP1 (AAH10915, 1 a.a. ~ 210 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MPPYTVVYFPVVRGCAALRMLLADQGQSWKEEVTV
ETWQEGSLKASCLYGQLPEFQDGLTLYQSNTILRHL
GRTLGLYGKQDQEAALVDMVNDGVEDLRCKYVSLIYT
NYEAGKDDYVKALPGQLKPFETLLSQNQGGKTFIVGD
QISFADYNLLDLLLIHEVLAPGCLDAFPLLSAYVGRLSA
RPKLKAFLASPEYVNLPIPINGNGKQ

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IP, S-ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2950

Gene Symbol: GSTP1

Gene Alias: DFN7, FAES3, GST3, PI

Gene Summary: 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]

References:

1. Polymorphism of the glutathione S-transferase P1 gene (GST-pi) in breast carcinoma. Khabaz MN. Pol J Pathol. 2014 Jun;65(2):141-6.
2. Endothelial cell dysfunction and cytoskeletal changes associated with repression of p16(INK4a) during immortalization. Kan CY, Wen VW, Pasquier E, Jankowski K, Chang M, Richards LA, Kavallaris M, Mackenzie KL. Oncogene. 2012 Feb 6. doi: 10.1038/onc.2011.645. [Epub ahead of print]