


# Data Sheet

# GLUTATHIONE S-TRANSFERASE π (GSTπ)

## **ANTIBODY,** MONOCLONAL

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|---|---|
| **Catalog no.:** | AK 3102.1 / AK 3102.2 |
| **Immunogen:** | Bovine GSTπ |
| **Synonyms:** | Glutathione S-transferase P, EC=2.5.1.18, GST class-pi, GSTP1-1 |
| **Swiss-Prot No:** | P09211 |
| **Gene Information:** | Gene Name: GSTP1, FAEES3, GST3 |
| | GeneID: 2950 |
| **Host:** | Mouse Balb/c |
| **Clone no.:** | D2-62 |
| **Isotype:** | $IgG_{2a}$ |
| **Matrix:** | Cell culture supernatant, Protein G purified, 50 mM TRIS pH 7.4, 0.02% $NaN_3$ |
| **Specificity:** | Human and bovine GSTπ |
| | $K_a = 1.5 \times 10^{10}$ l/mol human GSTπ |
| | There was no cross reactivity obtained with human GST alpha, human GST mu, rat GST bb, human Glutathione peroxidase, human or bovine serum albumin, or Streptavidin. |
| **Contents:** | 10 µg / 100 µg (lyophilized) |
| | Resuspend in 10 µl / 100 µl aqua bidest. |
| **Known applications:** | ELISA (10 µg/ml)[1], RIA[1], Western Blot (10 µg/ml)[1] |
| | ***CAUTION: DO NOT USE HEPARIN PLASMA*** |
| | This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls. |
| **Store at:** | 2-8 °C (lyophilized); - 20 °C (dissolved) |
| | Repeated thawing and freezing must be avoided |
| **References:** | 1. Schäfer U, Manneck HE, Armbruster FP, Lorenz M. (1994). Entwicklung von mono- und polyklonalen Antikörpern für Detektionssysteme (RIA, ELISA) zur immunologisch-quantitativen Bestimmung der GST Pi. *Klin Lab* **40**:1049-57. |
| **Last updated on:** | 18 August 2016 |

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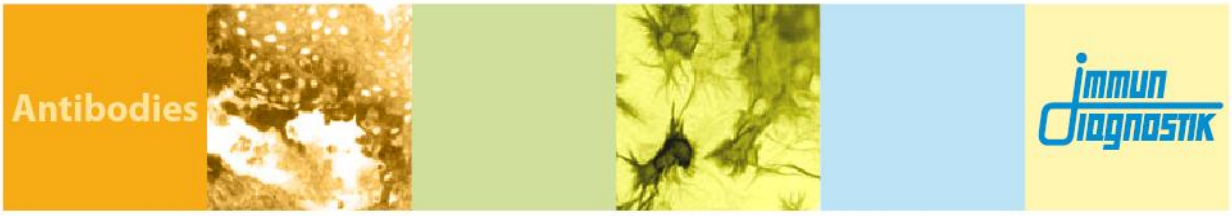


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