Antibodies

Data Sheet

HUMAN GLUTATHIONE S-TRANSFERASE π (GSTπ)

ANTIBODY, POLYCLONAL

Catalog no.: AK 3105.1 / AK 3105.2

Immunogen: Human 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: Rabbit

Matrix: Serum

Specificity: Human and bovine GSTπ

K_a = 5 x 10^9 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, streptavidin, human gastrin, insulin or calcitonin.

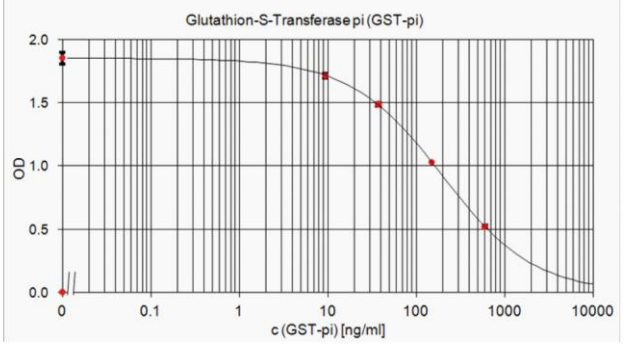

Figure 1: ELISA standard curve showing measurement of GST-pi in a competitive immunoassay using AK3105. OD was determined at 450 nm. The shown standard curve is for demonstration purposes only and can be influenced by buffer, incubation conditions or dilution of the conjugate.

Contents: 20 µl / 100 µl (lyophilized)

Resuspend in 20 µl / 100 µl aqua bidest.

Known applications: RIA[1, 2], ELISA (1:3000)[2], Western Blot (1:100)[2]

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, Stein J, Armbruster FP, Lorenz M, Zeuzem S, Caspary WF (1993). A New Glutathione-S-Transferase Assay for Serological Detection of Gastrointestinal Tumors. *Klin Lab* **39**:921-4.

2. 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.

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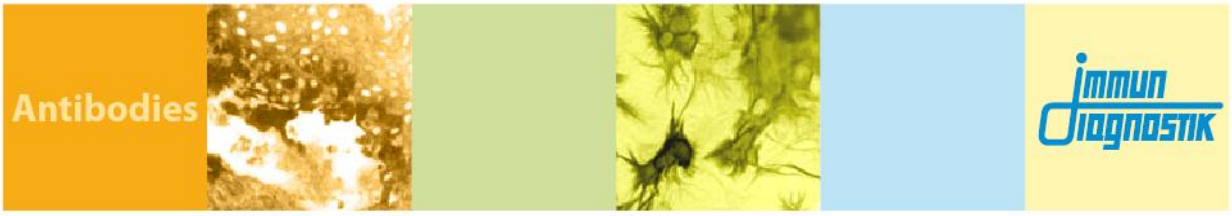

Last updated on: 18 August 2016

For research use only

Publishing research using AK3105? Please let us know so that we can cite your publication as a reference.

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