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## Datasheet for ABIN6937351 **anti-GSTM4 antibody**

### Overview

Quantity:	100 µg
Target:	GSTM4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

### Product Details

Immunogen:	Recombinant human full-length GSTMu2 protein
Clone:	CPTC-GSTMu2-2
Isotype:	IgG1 kappa
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

### Target Details

Target:	GSTM4
Alternative Name:	GSTMu2 ( <a href="#">GSTM4 Products</a> )
Background:	Glutathione S alkyltransferase M2, Glutathione S transferase 4, GST class mu 2, GST4, GST muscle, Glutathione S-Transferase Mu2 (GSTM2) Cellular localisation: Cytoplasm.

## Target Details

Molecular Weight: predicted: 26kDa, observed: 28kDa

Gene ID: 2946, 279837

UniProt: [P28161](#)

## Application Details

Application Notes: Known\_Application: Flow Cytometry (1-2 µg/million cells), (Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.  
Positive\_Control: HeLa cell lysate. Skeletal muscle extract. Human kidney.

Restrictions: For Research Use only

## Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C, -80 °C

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months