Datasheet for ABIN6939575

anti-GSTM3 antibody

3 Images

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Overview

Quantity:	100 µg
Target:	GSTM3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GSTM3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full-length human GSTM3 protein
Clone:	CPTC-GSTMu3-1
Isotype:	IgG2a kappa
Purification:	Purified by Protein A/G

Target Details

Target:	GSTM3
Alternative Name:	GSTM3 (GSTM3 Products)
Molecular Weight:	predicted: 26kDa, observed: 28kDA
Gene ID:	2947
UniProt:	P21266

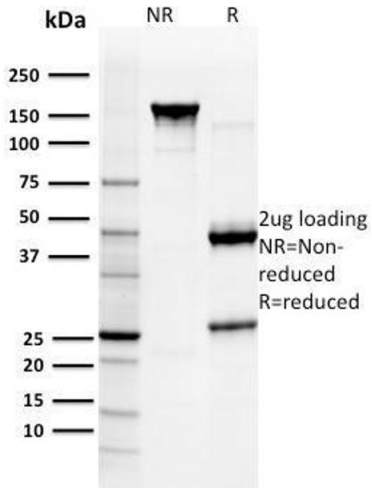
Application Details

Application Notes:	Positive Control: HeLA cell lysate, Brain, testis and kidney. Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

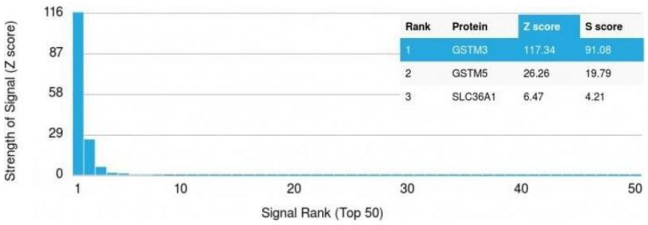
Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months

Images



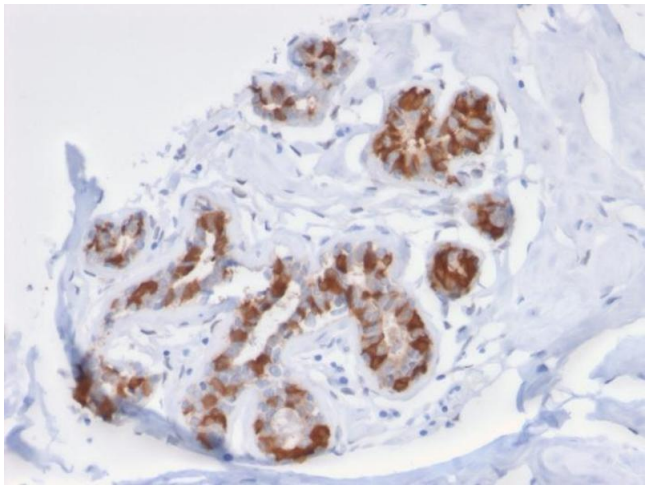
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified GST Mu3 Mouse Monoclonal Antibody (CPTC- GSTMu3-1). Confirmation of Purity and Integrity of Antibody.



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using Glutathione S-Transferase Mu3 (GSTM3) Mouse Monoclonal Antibody (CPTC- GSTMu3-1). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with Purified GST Mu3 Mouse Monoclonal Antibody (CPTC- GSTMu3-1).