

Datasheet for ABIN7654473
anti-GSTM1 antibody (CF®568)



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Overview

Quantity:	100 µL
Target:	GSTM1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GSTM1 antibody is conjugated to CF®568
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Glutathione S-Transferase Mu1 (GSTM1)(CPTC-GSTMu1-3), CF568 conjugate
Immunogen:	Recombinant human full-length GSTMu1 protein
Clone:	CPTC-GSTMu1-3
Isotype:	IgG1, kappa
Characteristics:	Recognizes Glutathione S-Transferase of the mu class, which is involved in the detoxification of toxins, drugs, and products of oxidative stress by conjugation with glutathione. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	GSTM1
Alternative Name:	Glutathione S-Transferase Mu1
Background:	Synonyms: GTM1, GTH4, GSTM1b-1b, GSTM1a-1a, H-B, Liver and Fibroblast GST1, MU, MU-1, GST HB subunit 4 Gene Symbol: GSTMu1
Molecular Weight:	predicted: 26 kDa, observed: 33 kDa
Gene ID:	2944
UniProt:	P09488
Pathways:	Negative Regulation of Transporter Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Positive Control: HeLa, MCF7, HepG2, Kidney and liver.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % 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.
Handling Advice:	Protect from light
Storage:	4 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light Store at 2 to 8°C. Protect fluorescent conjugates from light
Expiry Date:	24 months