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Datasheet for ABIN1705768
anti-GSTT2 antibody (AA 11-100) (Cy5.5)

Overview

Quantity:	100 µL
Target:	GSTT2
Binding Specificity:	AA 11-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSTT2 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GSTT2/Glutathione S Transferase ta 2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	GSTT2
Alternative Name:	GSTT2 (GSTT2 Products)
Background:	Synonyms: Glutathione S Transferase theta 2, EC 2.5.1.18, Glutathione S transferase 12,

Target Details

Glutathione S transferase Yrs Yrs, Glutathione S-transferase theta-2, Glutathione S-transferase theta-2B, GST 12 12, GST class theta 2, GST class-theta-2, GST T2, GSTT 2, GSTT2, GSTT2 protein, GSTT2_HUMAN, GSTT2B, MGC182032, OTTHUMP00000198491, OTTHUMP00000198492.

Background: Glutathione (GSH) is a tripeptide antioxidant which reduces disulfide bonds between cytoplasmic proteins. The constitutive enzyme glutathione reductase transforms glutathione into its reduced state which ultimately can provide a measure of cellular toxicity. GSTT2 (glutathione S-transferase theta-2), also known as GST class-theta-2, is a 244 amino acid enzyme with sulfatase activity that functions in conjugating reduced glutathione to hydrophobic electrophiles. GSTT2 exists as a homodimer in the cytoplasm and is expressed in low levels in the liver and the lung. GSTT2 belongs to the GST superfamily and contains both a GST C-terminal and a GST N-terminal domain. The gene encoding GSTT2 exists on human chromosome 22.

Gene ID: 2953

Pathways: [Myometrial Relaxation and Contraction](#), [Autophagy](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months