

ARG57059 anti-GSTT2 antibody [10H4]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [10H4] recognizes GSTT2
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	10H4
Isotype	IgG2b, kappa
Target Name	GSTT2
Species	Human
Immunogen	Recombinant fragment around aa. 1-244 of Human GSTT2.
Conjugation	Un-conjugated
Alternate Names	Glutathione S-transferase theta-2; EC 2.5.1.18; GST class-theta-2

Application Instructions

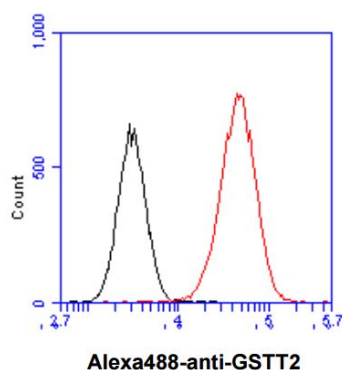
Application table	Application	Dilution
	FACS	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

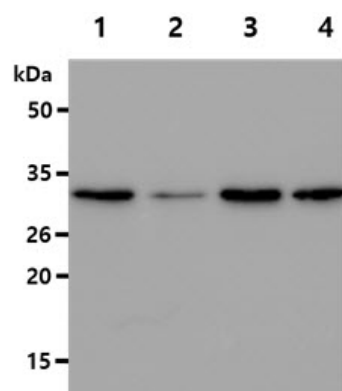
Database links	GeneID: 2953 Human Swiss-port # POCG29 Human
Gene Symbol	GSTT2
Gene Full Name	glutathione S-transferase theta 2 (gene/pseudogene)
Background	The protein encoded by this gene, glutathione S-transferase (GST) theta 2 (GSTT2), is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1, GSTT2, and GSTT2B. GSTT2 and GSTT2B are nearly identical to each other, and share 55% amino acid identity with GSTT1. All three genes may play a role in human carcinogenesis. The GSTT2 gene is a pseudogene in some populations. [provided by RefSeq, Sep 2015]
Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Has a sulfatase activity. [UniProt]
Calculated Mw	28 kDa

Images



ARG57059 anti-GSTT2 antibody [10H4] FACS image

Flow Cytometry: HeLa cell line stained with ARG57059 anti-GSTT2 antibody [10H4] at 2-5 μ g for 1×10^6 cells (red line). Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was Mouse IgG (black line).



ARG57059 anti-GSTT2 antibody [10H4] WB image

Western blot: 40 μ g of 1) HepG2 cell lysate, 2) NIH/3T3 cell lysate, 3) A549 cell lysate, 4) Raw264.7 cell lysate stained with ARG57059 anti-GSTT2 antibody [10H4] at 1:500.