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36-2435: Anti-Glutathione S-Transferase Mu2 (GSTM2) Monoclonal Antibody(Clone: CPTC-GSTMu2-2)

Clonality: Monoclonal
Clone Name: CPTC-GSTMu2-2
Application: FACS,WB,IHC
Reactivity: Human
Gene: GSTMu2
Gene ID: 2946

Alternative Name: Glutathione S alkyltransferase M2; Glutathione S transferase 4; GST class mu 2; GST4; GST

muscle

P28161

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant human full-length GSTMu2 protein

Product Info

Uniprot ID:

Amount: 20 μg / 100 μg

Content: 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage condition : 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.

Application Note

Flow Cytometry (1-2ug/million cells); (Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

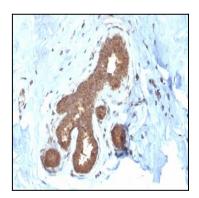


Fig. 1: Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2).



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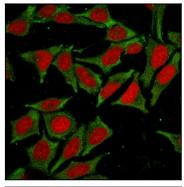


Fig. 2: Immunofluorescence Analysis of MeOH-fixed HeLa cells labeling GSTMu2 with GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Reddot (Red).

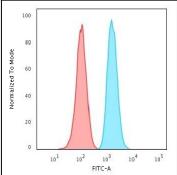


Fig. 3: Flow Cytometric Analysis of PFA-fixed HeLa cells using GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).

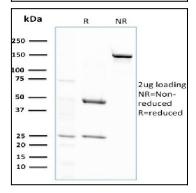


Fig. 4: SDS-PAGE Analysis Purified GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2). Confirmation of Purity and Integrity of Antibody.