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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
Uniprot ID :	P28161
Alternative Name :	Glutathione S alkyltransferase M2; Glutathione S transferase 4; GST class mu 2; GST4; GST muscle
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant human full-length GSTMu2 protein

Product Info

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&degC followed by cooling at RT for 20 minutes);

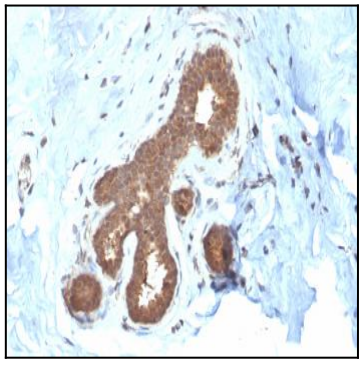

Fig. 1: Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2).

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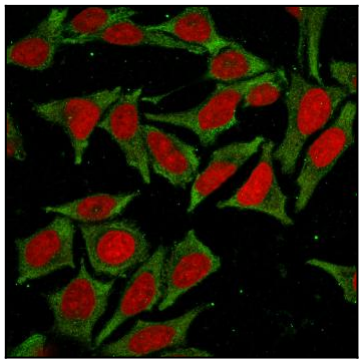

Fig. 2: Immunofluorescence Analysis of MeOH-fixed HeLa cells labeling GSTMu2 with GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Reddot (Red).

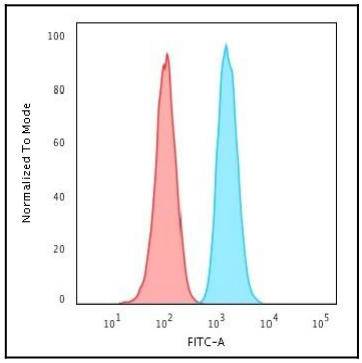

Fig. 3: Flow Cytometric Analysis of PFA-fixed HeLa cells using GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).

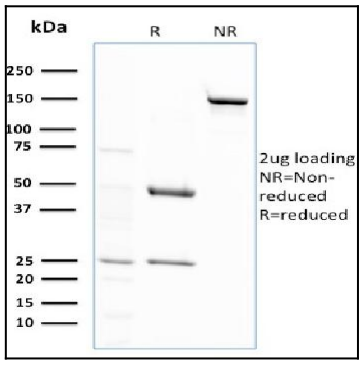

Fig. 4: SDS-PAGE Analysis Purified GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2). Confirmation of Purity and Integrity of Antibody.