

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	CPTC-GSTMu2-2
<b>Application :</b>	FACS,WB,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	GSTMu2
<b>Gene ID :</b>	2946
<b>Uniprot ID :</b>	P28161
<b>Alternative Name :</b>	Glutathione S alkyltransferase M2; Glutathione S transferase 4; GST class mu 2; GST4; GST muscle
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Recombinant human full-length GSTMu2 protein

### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	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.
<b>Storage condition :</b>	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);

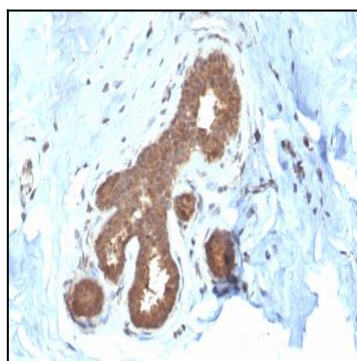


Fig. 1: Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2).

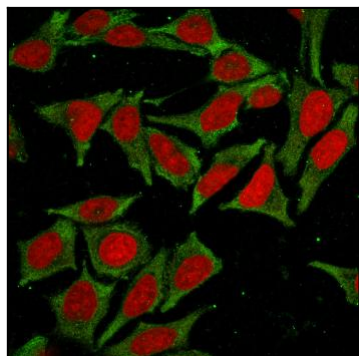


Fig. 2: Immunofluorescence Analysis of MeOH-fixed HeLa cells labeling GSTMu2 with GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Reddot (Red).

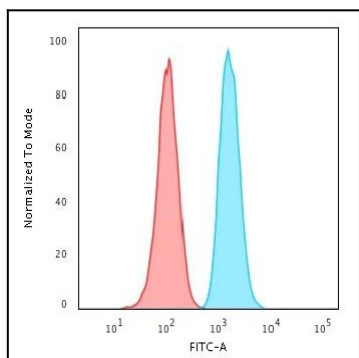


Fig. 3: Flow Cytometric Analysis of PFA-fixed HeLa cells using GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).

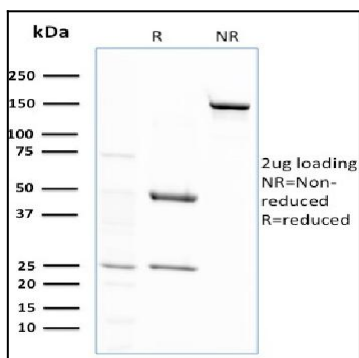


Fig. 4: SDS-PAGE Analysis Purified GSTMu2 Mouse Monoclonal Antibody (CPTC-GSTMu2-2). Confirmation of Purity and Integrity of Antibody.