GST | Validation File

TARGET GST (Glutathione-S-transferase)
CLONE NAME HP45B
DESCRIPTION rat monoclonal
ANTIGEN USED GST-HP1 alpha and GST-HP1 gamma recombinant proteins
ISOTYPE IgG2a
SPECIES REACTIVITY Parasitic helminth Schistosoma japonicum
LOCALIZATION not expressed in mammary tissues
POSITIVE CONTROL GST protein
STORAGE BUFFER Tissue culture supernatant: 0.02% sodium azide
STORAGE Aliquot and store at 4C. Do not freeze

Recommended Inconclusive Not Recommended Not Tested

APPLICATIONS

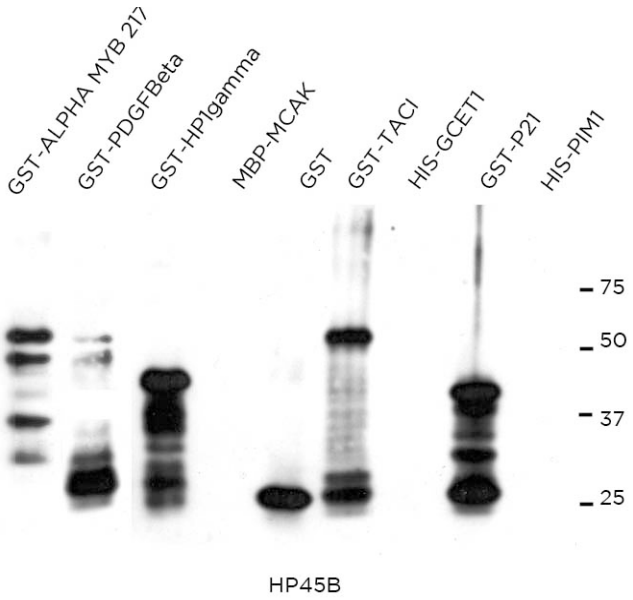
| WB | **Western Blotting**

HP45B mAb is able to detect GST protein by WB.

DILUTION 1:100

LANES

Lane 1 GST-alpha MYB 217 recombinant protein	(0,1ug) (+) 52kDa
Lane 2 GST-PDGF beta recombinant protein	(0,1ug) (+) 50kDa
Lane 3 GST- HP1 gamma recombinant protein	(0,1ug) (+) 47kDa
Lane 4 MBP-MCAK recombinant protein	(0,1ug) (-)
Lane 5 GST protein	(0,1ug) (+) 26kDa
Lane 6 GST-TACI recombinant protein	(0,1ug) (+) 57kDa
Lane 7 His-GCET1 recombinant protein	(0,1ug) (-)
Lane 8 GST-P21 recombinant protein	(0,1ug) (+) 47kDa
Lane 9 His-PIM1 recombinant protein	(0,1ug) (-)



| IHC-F | **Immunohistochemistry (frozen)** Not Recommended

| ICC | **Immunocytochemistry** Not Tested

| IHC-P | **Immunohistochemistry (paraffin)** Not Recommended

| IF | **Immunofluorescence (paraffin)** Not Recommended

| FC | **Flow Cytometry** Not Tested

| IP | **Immunoprecipitation** Not Tested