

Recombinant GSTP1 Monoclonal Antibody

catalog number: **AN300126P**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

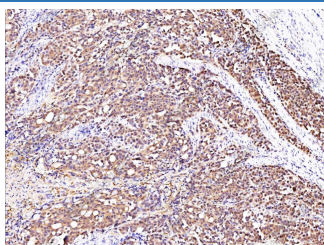
Reactivity	Human
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human GSTP1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C310089
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

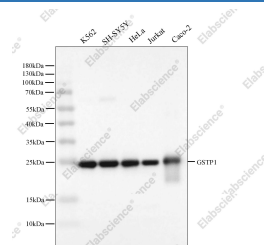
Recommended Dilution

WB: 1:1000; IHC-P: 1:500-1:2000; ICC/IF: 1:100-1:200; FC: 1:200-1:500

Data



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue sections using GSTP1 Antibody (AN300126P) at a dilution of 1:750 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of K562, SH-SY5Y, HeLa, Jurkat and Caco-2 cell lysates using GSTP1 Antibody (AN300126P) at a dilution of 1:1000.

Observed-MW:23 kDa

Calculated-MW:23 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases. [provided by RefSeq, Jul 2008]