MT3 Antibody

Catalog No: #36609



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

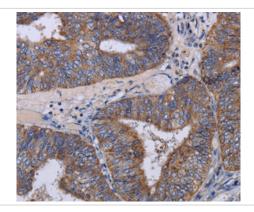
$\overline{}$			400	
	esc	rın	tio	m
\boldsymbol{L}	しつし	IIIU	uu	48

MT3 Antibody
Rabbit
Polyclonal
Antigen affinity purification.
IHC
Hu
The antibody detects endogenous levels of total MT3 protein.
Recombinant Protein
Full length fusion protein
MT3
GIF; GIFB; GRIF; ZnMT3
Swiss-Prot#: P25713NCBI Gene ID: 4504Gene Accssion: BC013081
P25713
4504;
2.1mg/ml
Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Store at -20°C

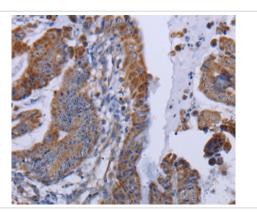
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #36609 at dilution 1/50.



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #36609 at dilution 1/50.

Background

Metallothionein (MT) is a sulfhydryl- and cysteine-rich protein found in micro-organisms, plants and all invertebrate and vertebrate animals.

Metallothioneins are a group of ubiquitous low-molecular-weight proteins that have functional roles in cell growth, repair and differentiation.

Metallothionein are implicated primarily in metal ion detoxification as they are essential for the protection of cells against the toxicity of cadmium, mercury and copper. Metallothioneins are known to be broadly expressed in heart, liver, kidney, breast and testis tissue. Metallothionein 3, also known as MT-3 or GIFB (growth inhibitory factor), is a 68 amino acid protein that belongs to the type 1 family and Metallothionein superfamily. While highly expressed in astrocytes of the normal human brain, Metallothionein 3 expression is reduced in the brains of patients with Alzheimer disease.

Note: This product is for in vitro research use only