

ITPA Rabbit mAb

Catalog No: #52368

Package Size: #52368-1 50ul #52368-2 100ul

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

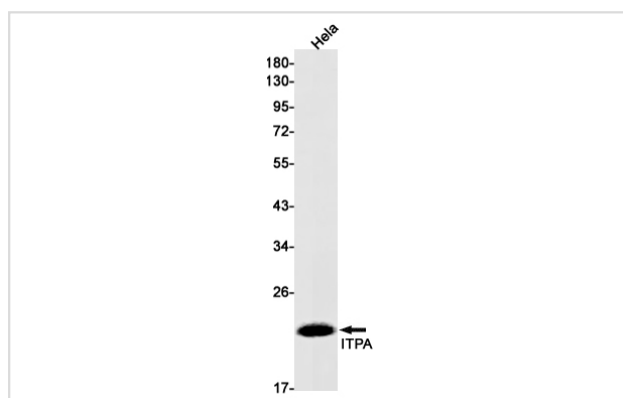
Description

Product Name	ITPA Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	S01-4D4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human Inosine triphosphate pyrophosphatase
Conjugates	Unconjugated
Modification	Unmodification
Other Names	My049; ITPase; NTPase; C20orf37; dJ794I6.3; HLC14-06-P
Accession No.	Swiss-Prot:Q9BY32GeneID:3704
Calculated MW	Calculated MW: 22 kDa; Observed MW: 22 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

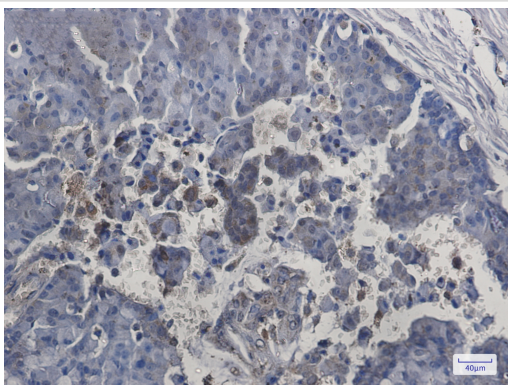
Application Details

WB: 1/1000-1/5000; IHC: 1/20-1/50

Images



Western blot detection of ITPA in HeLa cell lysates using ITPA Rabbit mAb(1:1000 diluted). Predicted band size: 22kDa. Observed band size: 22kDa.



Immunohistochemistry of Inosine triphosphate pyrophosphatase in paraffin-embedded Human breast cancer tissue using Inosine triphosphate pyrophosphatase Rabbit mAb at dilution 1/50

Background

Swiss-Prot Acc.Q9BY32.Pyrophosphatase that hydrolyzes the non-canonical purine nucleotides inosine triphosphate (ITP), deoxyinosine triphosphate (dITP) as well as 2'-deoxy-N-6-hydroxylaminopurine triphosphate (dHAPTP) and xanthosine 5'-triphosphate (XTP) to their respective monophosphate derivatives. The enzyme does not distinguish between the deoxy- and ribose forms. Probably excludes non-canonical purines from RNA and DNA precursor pools, thus preventing their incorporation into RNA and DNA and avoiding chromosomal lesions.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.