

## Inosine triphosphate pyrophosphatase Recombinant Rabbit mAb

Catalog: BS46221

Host: Rabbit

Reactivity: Human

**BackGround:**

This gene encodes an inosine triphosphate pyrophosphohydrolase. The encoded protein hydrolyzes inosine triphosphate and deoxyinosine triphosphate to the monophosphate nucleotide and diphosphate. This protein, which is a member of the HAM1 NTPase protein family, is found in the cytoplasm and acts as a homodimer. Defects in the encoded protein can result in inosine triphosphate pyrophosphorylase deficiency which causes an accumulation of ITP in red blood cells. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]

**Product:**

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

**Molecular Weight:**

22 kDa

**Swiss-Prot:**

Q9BY32

**Purification&Purity:**

Affinity Purification

**Applications:**

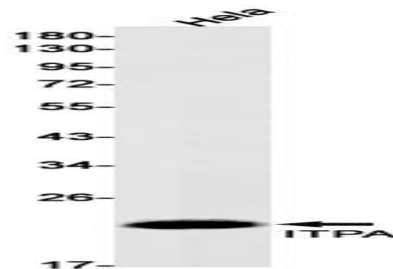
WB: 1:1000-1:5000 IHC: 1:20-1:50

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot detection of ITPA in HeLa cell lysates using ITPA antibody(1:1000 diluted).

**Note:**

For research use only, not for use in diagnostic procedure.

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