

TudorSN Monoclonal Antibody

Catalog No: YM0635

Reactivity: Human

Applications: WB;ELISA

Target: TudorSN

Fields: >>Viral carcinogenesis

Q7KZF4

Q78PY7

Gene Name: SND1

Protein Name: Staphylococcal nuclease domain-containing protein 1

Human Gene ld: 27044

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: Purified recombinant fragment of TudorSN (aa361-485) expressed in E. Coli.

Specificity: TudorSN Monoclonal Antibody detects endogenous levels of TudorSN protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Monoclonal, Mouse

Dilution: WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

Purification : Affinity purification

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 102kD

P References: 1. J Gen Virol. 2003 Sep;84(Pt 9):2317-22.

1/3



2. Biochim Biophys Acta. 2005 Jan 11;1681(2-3):126-33.

Background:

This gene encodes a transcriptional co-activator that interacts with the acidic domain of Epstein-Barr virus nuclear antigen 2 (EBNA 2), a transcriptional activator that is required for B-lymphocyte transformation. Other transcription factors that interact with this protein are signal transducers and activators of transcription, STATs. This protein is also thought to be essential for normal cell growth. A similar protein in mammals and other organisms is a component of the RNA-induced silencing complex (RISC). [provided by RefSeq, Jul 2016],

Function:

function:Functions as a bridging factor between STAT6 and the basal transcription factor. Plays a role in PIM1 regulation of MYB activity. Functions as a transcriptional coactivator for the Epstein-Barr virus nuclear antigen 2 (EBNA2).,PTM:Phosphorylated by PIM1 in vitro.,sequence caution:The frameshift leads to wrong initation.,similarity:Contains 1 Tudor domain.,similarity:Contains 4 TNase-like domains.,subcellular location:In IL-4 stimulated cells colocalizes with STAT6 in the nucleus. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Binds to acidic transactivation domain of EBNA2. Interacts with EAV NSP1. Interacts with GTF2E1 and GTF2E2. Forms a ternary complex with STAT6 and POLR2A. Interacts with STAT5.,tissue specificity:Ubiquitously expressed.,

Subcellular Location:

Cytoplasm . Nucleus . Melanosome . In IL-4 stimulated cells colocalizes with STAT6 in the nucleus (PubMed:12234934). Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). .

Expression: Ubiquitously expressed.

Sort: 23752

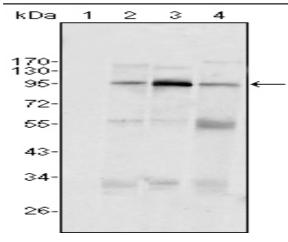
No4:

Host: Mouse

Modifications: Unmodified

Products Images

2/3



Western Blot analysis using TudorSN Monoclonal Antibody against HeLa (1), Jukat (2), HepG2 (3) SMMC-7721 (4) cell lysate.