



TudorSN Monoclonal Antibody

Catalog No	YP-Ab-01033
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	SND1
Protein Name	Staphylococcal nuclease domain-containing protein 1
Immunogen	Purified recombinant fragment of TudorSN (aa361-485) expressed in E. Coli.
Specificity	TudorSN Monoclonal Antibody detects endogenous levels of TudorSN protein.
Formulation	Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SND1; TDRD11; Staphylococcal nuclease domain-containing protein 1; 100 kDa coactivator; EBNA2 coactivator p100; Tudor domain-containing protein 11; p100 co-activator
Observed Band	
Cell Pathway	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). .
Tissue Specificity	Ubiquitously expressed.
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 initiation., 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.,



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],

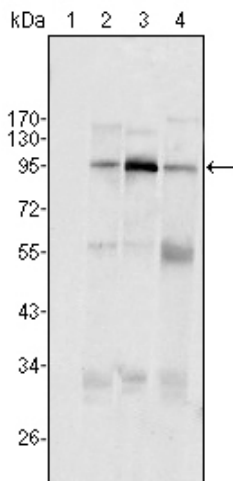
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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