

## Anti-Dicer Antibody (7P583)

## Product Details

Ig Type:	IgG2a
Reactivity:	Human
Clone:	7P583
Purification:	Protein G purified

## Applications

Verified Activity:	1. Cell line: HepG2
	Fixative: 4% Paraformaldehyde
	Permeabilization: 0.1% TritonX-100
	Primary Ab dilution: 1: 250
	Primary incubation condition: 4°C overnight Nuclear counter stain: DAPI (Blue)
	Comment: Color green is the positive signal for TMAB-05144
	2. Blocking buffer: 5% NFDM/TBST
	Primary Ab dilution: 1: 2000
	Primary Ab incubation condition: 2 hours at room temperature
	Lysate: 1: HepG2
Application:	Protein loading quantity: 20 µg
	Exposure time: 60 s
Recommended	Predicted MW: 220 kDa
	Observed MW: 250 kDa
Application:	WB,ICC/IF
Recommended	WB: 1:500-2000; ICC/IF: 1:50-250

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Gene ID:	23405
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## Research Background

This gene encodes a protein possessing an RNA helicase motif containing a DEXH box in its amino terminus and an RNA motif in the carboxy terminus. The encoded protein functions as a ribonuclease and is required by the RNA interference and small temporal RNA (stRNA) pathways to produce the active small RNA component that represses gene expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2010]

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