

Datasheet for ABIN530476  
**anti-SP7 antibody (AA 87-162)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	SP7
Binding Specificity:	AA 87-162
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SP7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant SP7.
Immunogen:	SP7 (NP_690599, 87 a.a. ~ 162 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GYANDYPPFS HSFPGPTGTQ DPGLLVPKGH SSSDCLPSVY TSLDMTHPYG SWYKAGIHAG ISPGPGNTPT PWWDMMH
Clone:	2G6
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	SP7
Alternative Name:	SP7 (SP7 Products)
Background:	Full Gene Name: Sp7 transcription factor Synonyms: MGC126598,OSX,osterix
Gene ID:	121340
NCBI Accession:	NM_152860

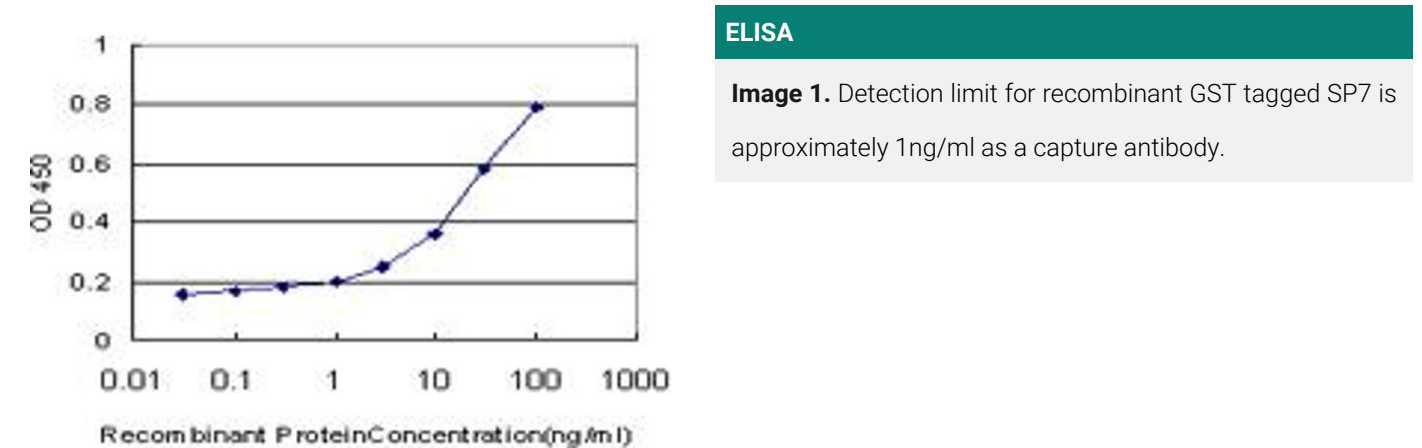
Application Details

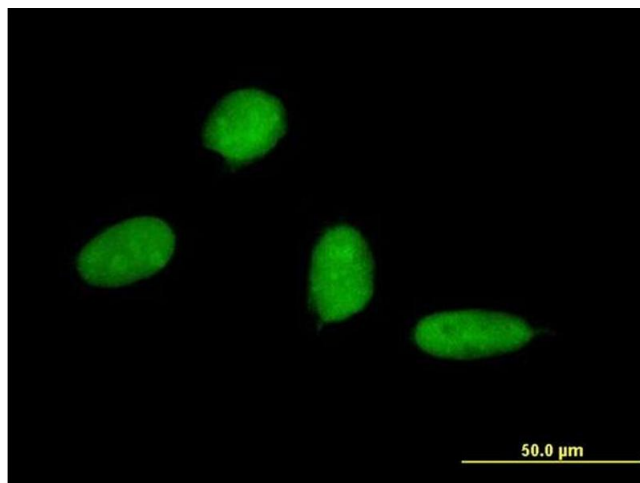
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

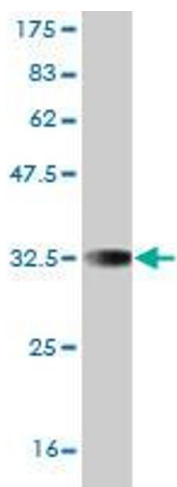
Images





#### Immunofluorescence

**Image 2.** Immunofluorescence of monoclonal antibody to SP7 on HeLa cell. [antibody concentration 10 ug/ml]



#### Western Blotting

**Image 3.** Western Blot detection against Immunogen (34.1 kDa) .