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

3 Images



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 PWWDMH
Clone:	2G6
Isotype:	lgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

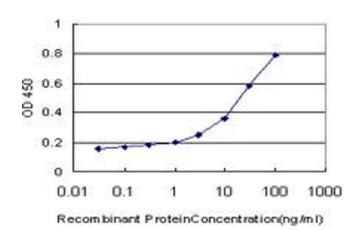
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Target Details	
Target:	SP7
Alternative Name:	SP7 (SP7 Products)
Background:	Full Gene Name: Sp7 transcription factor Synonyms: MGC126598,OSX,osterix
Gene ID:	121340
NCBI Accession:	NM_152860

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

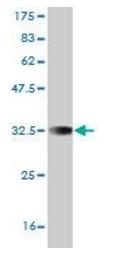


ELISA

Image 1. Detection limit for recombinant GST tagged SP7 is approximately 1ng/ml as a capture antibody.

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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).

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