

Datasheet for ABIN519985  
**anti-S100P antibody (AA 1-95)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	S100P
Binding Specificity:	AA 1-95
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This S100P antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant S100P.
Immunogen:	S100P (AAH06819, 1 a.a. ~ 95 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MTELETAMGM IIDVFSRYSG SEGSTQTLTK GELKVLMEKE LPGFLQSGKD KDAVDKLLKD LDANGDAQVD FSEFIVFAA ITSACHKYFE KAGLK
Clone:	4E7
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	S100P
Alternative Name:	S100P ( <a href="#">S100P Products</a> )
Background:	Full Gene Name: S100 calcium binding protein P Synonyms: MIG9
Gene ID:	6286
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">S100 Proteins</a>

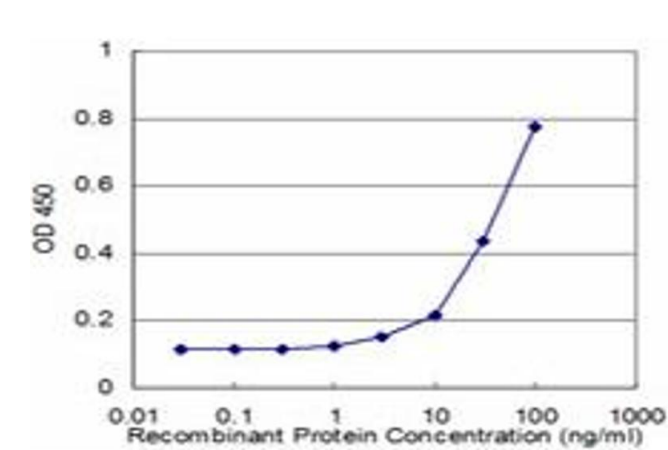
## Application Details

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

## Handling

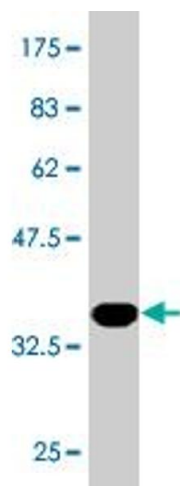
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



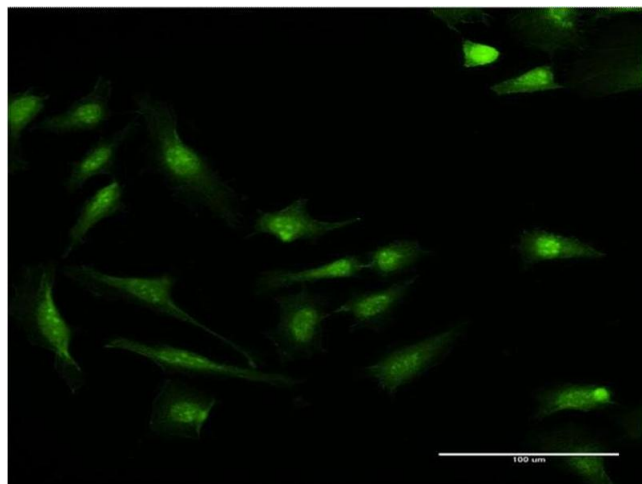
### ELISA

**Image 1.** Detection limit for recombinant GST tagged S100P is approximately 3ng/ml as a capture antibody.



### Western Blotting

**Image 2.** Western Blot detection against Immunogen (36.19 kDa) .



### Immunofluorescence

**Image 3.** Immunofluorescence of monoclonal antibody to S100P on HeLa cell. [antibody concentration 10 ug/ml]