

Datasheet for ABIN948498

anti-Osteopontin antibody (AA 148-257)

3 Images



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Osteopontin (SPP1)
Binding Specificity:	AA 148-257
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Osteopontin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant SPP1.
Immunogen:	SPP1 (NP_000573, 148 a.a. ~ 257 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SVVYGLRSKS KKFRPDIQY PDATDEDITS HMESEELNGA YKAIPVAQDL NAPSDWDSRG KDSYETSQLD DQSAETHSHK QSRLYKRKAN DESNEHSDVI DSQELSKVSR
Clone:	X1
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Osteopontin (SPP1)
Alternative Name:	SPP1 (SPP1 Products)
Background:	Full Gene Name: secreted phosphoprotein 1 Synonyms: BNSP,BSPI,ETA-1,MGC110940,OPN
Gene ID:	6696
NCBI Accession:	NM_000582
Pathways:	Regulation of Cell Size

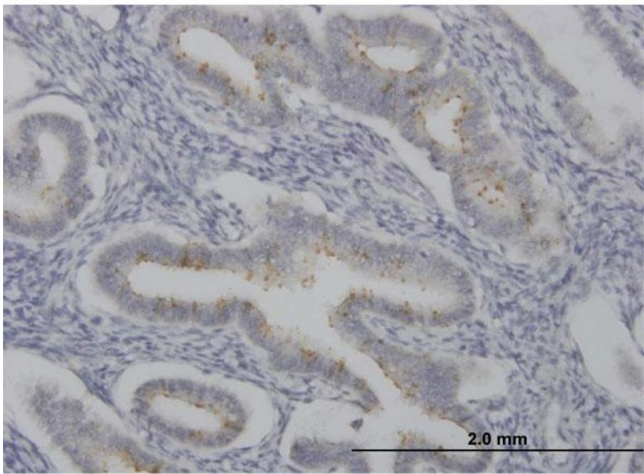
Application Details

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

Handling

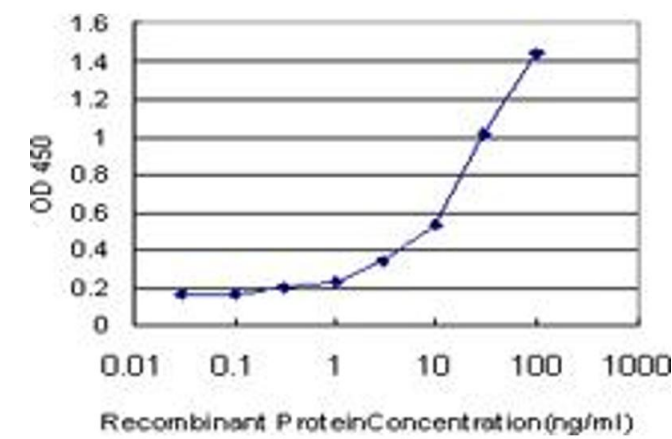
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



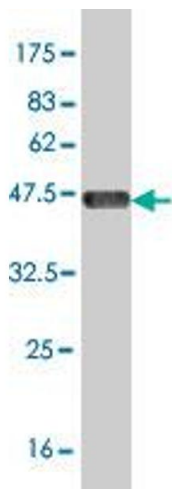
Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to SPP1 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 1.5 ug/ml]



ELISA

Image 2. Detection limit for recombinant GST tagged SPP1 is approximately 0.3ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (37.84 kDa) .