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Datasheet for ABIN560078

anti-BMP7 antibody (AA 1-431)

5 Images

1 Publication

Overview

Quantity:	100 µg
Target:	BMP7
Binding Specificity:	AA 1-431
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BMP7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant BMP7.
Immunogen:	BMP7 (AAH08584, 1 a.a. ~ 431 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MHVRSLRAAA PHSFVALWAP LFLRSALAD FSLDNEVHSS FIHRRLRSQE RREMQREILS ILGLPHRPRP HLQGHNSAP MFMLDLYNAM AVEEGGGPGG QGFSYPYKAV FSTQGPPLAS LQDSHFLTDA DMVMSFVNLV EHDKEFFHPR YHHREFRFDL SKIPEGEAVT AAEFRIYKDY IRERFDNETF RISVYQLQE HLGRESDLFL LDSRTLWASE EGWLVDITA TSNHWVVNPR HNLGLQLSVE TLDGQSINPK LAGLIGRHGP QNKQPFMVAF FKATEVHFERS IRSTGSKQRS QNRSKTPKNQ EALRMANVAE NSSSDQRQAC KKHELYVSFR DLGWQDWIIA PEGYAAYYCE GECAPPLNSY MNATNHAIVQ TLVHFINPET VPKPCCAPTQ LNAISVLYFD DSSNVILKKY RNMVVRACGC H

Product Details

Clone:	M1-F8
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	BMP7
Alternative Name:	BMP7 (BMP7 Products)
Background:	Full Gene Name: bone morphogenetic protein 7 Synonyms: OP-1
Gene ID:	655
Pathways:	Steroid Hormone Mediated Signaling Pathway , Stem Cell Maintenance

Application Details

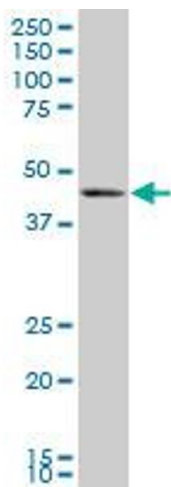
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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.

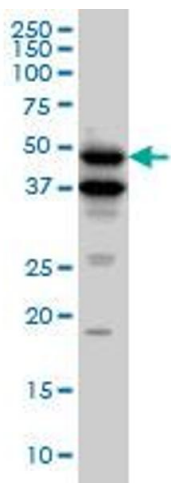
Publications

Product cited in:	Loureiro, Schilte, Aguilera, Albar-Vizcaíno, Ramírez-Huesca, Pérez-Lozano, González-Mateo, Aroeira, Selgas, Mendoza, Ortiz, Ruíz-Ortega, van den Born, Beelen, López-Cabrera: "BMP-7 blocks mesenchymal conversion of mesothelial cells and prevents peritoneal damage induced by dialysis fluid exposure." in: Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association , Vol. 25, Issue 4, pp. 1098-108, (2010) (PubMed).
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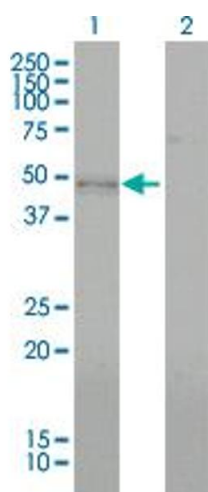
Western Blotting

Image 1. BMP7 monoclonal antibody (M01), clone M1-F8. Western Blot analysis of BMP7 expression in human uterus myoma.



Western Blotting

Image 2. BMP7 monoclonal antibody (M01), clone M1-F8. Western Blot analysis of BMP7 expression in Raw 264.7.



Western Blotting

Image 3. Western Blot analysis of BMP7 expression in transfected 293T cell line by BMP7 monoclonal antibody (M01), clone M1-F8.

Lane 1: BMP7 transfected lysate(49.313 KDa).

Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN560078.