

Mouse BMP7 Monoclonal Antibody | anti-BMP7 antibody

BMP7 (Bone Morphogenetic Protein 7, OP-1) (FITC)

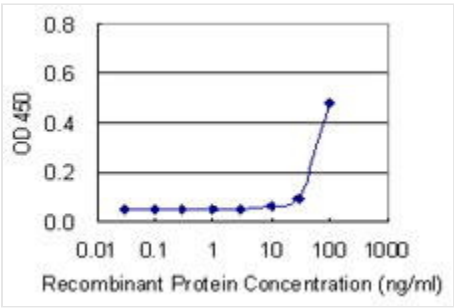
CATALOG # AAA26318	HOST Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

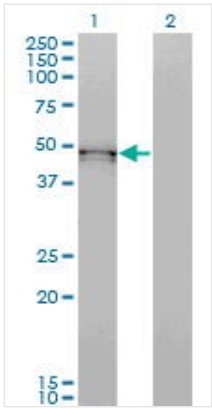
BMP7; Monoclonal Antibody; BMP7 (Bone Morphogenetic Protein 7; OP-1) (FITC); Bone Morphogenetic Protein 7; OP-1; anti-BMP7 antibody

PRODUCT SPECIFICATIONS

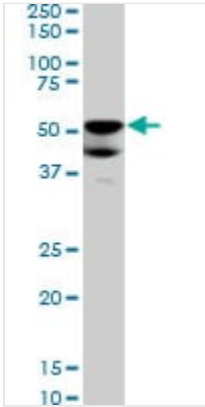
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	S52
Specificity	Recognizes BMP7.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Sequence Length	431
Applicable Applications for anti-BMP7 antibody	WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	BMP7 (AAH08584, 1aa-431aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



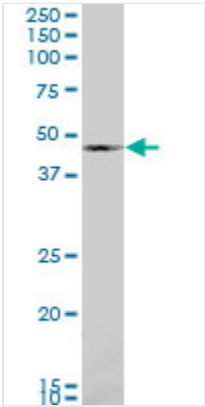
Application Data
Detection limit for recombinant GST tagged BMP7 is 10 ng/ml as a capture antibody.



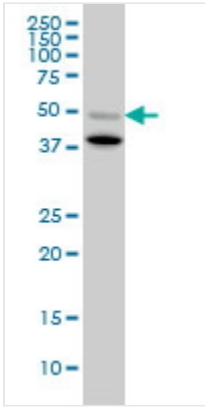
WB (Western Blot)
Western Blot analysis of BMP7 expression in transfected 293T cell line by BMP7 monoclonal antibody (M03), clone S52. Lane 1: BMP7 transfected lysate (49.313 KDa). Lane 2: Non-transfected lysate.



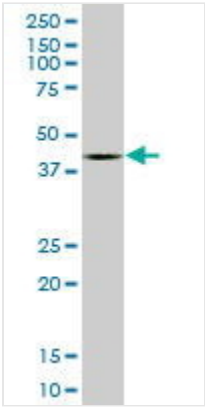
WB (Western Blot)
BMP7 monoclonal antibody (M03), clone S52. Western Blot analysis of BMP7 expression in A-549 (Cat # L025V1).



WB (Western Blot)
BMP7 monoclonal antibody (M03), clone S52. Western Blot analysis of BMP7 expression in C32 (Cat # L002V1).



WB (Western Blot)
BMP7 monoclonal antibody (M03), clone S52. Western Blot analysis of BMP7 expression in Raw 264.7.



WB (Western Blot)
BMP7 monoclonal antibody (M03), clone S52. Western Blot analysis of BMP7 expression in human ovarian cancer.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP7 antibody

The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development and possible bone inductive activity. [provided by RefSeq]

NCBI AND UNIPROT INFORMATION

NCBI GI #	14250309
NCBI GeneID	655
NCBI Official Full Name	Bone morphogenetic protein 7
NCBI Official Synonym Full Names	bone morphogenetic protein 7
NCBI Official Symbol	BMP7
NCBI Official Synonym Symbols	OP-1
NCBI Protein Information	bone morphogenetic protein 7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/monoclonal/bmp7-antibody-clone-s52-western-blot-elisa/26318>