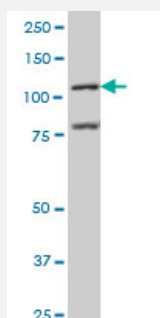


BMP2K monoclonal antibody (M02), clone 1F11

Catalog # H00055589-M02

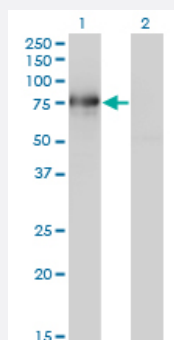
Size 100 ug

Applications



Western Blot (Cell lysate)

BMP2K monoclonal antibody (M02), clone 1F11 Western Blot analysis of BMP2K expression in MCF-7 (Cat # L046V1).

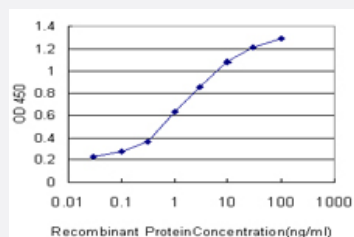


Western Blot (Transfected lysate)

Western Blot analysis of BMP2K expression in transfected 293T cell line by BMP2K monoclonal antibody (M02), clone 1F11.

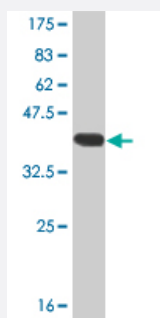
Lane 1: BMP2K transfected lysate(73.9 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BMP2K is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant BMP2K.
Immunogen	BMP2K (AAH36021, 540 a.a. ~ 650 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	YQQAFFQQMLAQHQPSQQQASPEYLTSPQEFSPALVSYTSSLPAQVGTIMDSSYSANRSVADK EAIANFTNQKNISNPPDMSGWNPFGEDNFSKLTEEELLDREFDLLRS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

BMP2K monoclonal antibody (M02), clone 1F11 Western Blot analysis of BMP2K expression in MCF-7 (Cat # L046V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of BMP2K expression in transfected 293T cell line by BMP2K monoclonal antibody (M02), clone 1F11.

Lane 1: BMP2K transfected lysate(73.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BMP2K is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — BMP2K

Entrez GeneID [55589](#)

GeneBank Accession# [BC036021](#)

Protein Accession# [AAH36021](#)

Gene Name BMP2K

Gene Alias BIKE, DKFZp434K0614, DKFZp434P0116, HRIHFB2017

Gene Description BMP2 inducible kinase

Gene Ontology [Hyperlink](#)

Gene Summary This gene is the human homolog of mouse BMP-2-inducible kinase. Bone morphogenic proteins (BMPs) play a key role in skeletal development and patterning. Expression of the mouse gene is increased during BMP-2 induced differentiation and the gene product is a putative serine/threonine protein kinase containing a nuclear localization signal. Therefore, the protein encoded by this human homolog is thought to be a protein kinase with a putative regulatory role in attenuating the program of osteoblast differentiation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations BMP-2 inducible kinase

Disease

- [Genetic Predisposition to Disease](#)
- [Myopia](#)