

Summary

Production Name	BMP2 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	ICC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	BMP2
Alternative Names	BDA2; BMP2A
Gene ID	650.0
SwissProt ID	P12643.Purified recombinant fragment of human BMP2 (AA: 283-396) expressed in E. Coli.

Application

Dilution Ratio	ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	44.7kDa

Background

Product Name: BMP2 Mouse Monoclonal Antibody
Catalog #: AMM81498

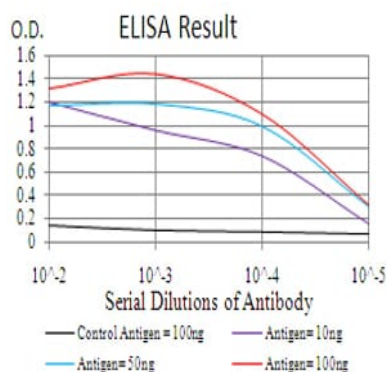


The protein encoded by this gene belongs to the transforming growth factor-beta (TGFB) superfamily. The encoded protein acts as a disulfide-linked homodimer and induces bone and cartilage formation.

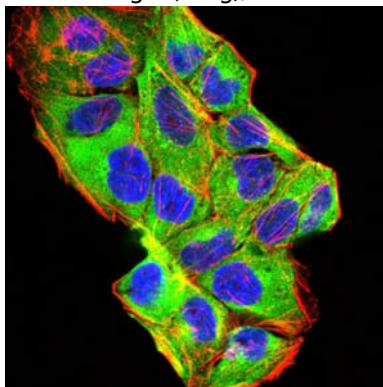
Research Area

TGF-beta signaling pathway

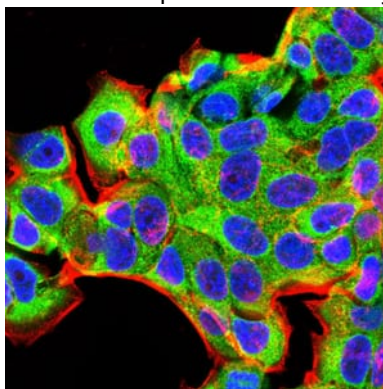
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunofluorescence analysis of HeLa cells using BMP2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

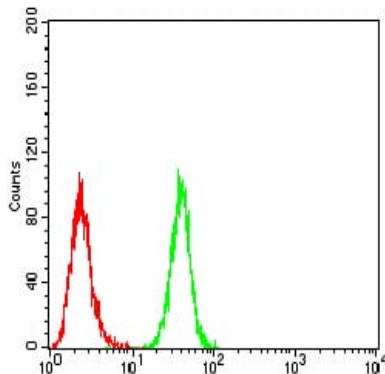


Immunofluorescence analysis of MCF-7 cells using BMP2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin

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filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of Hela cells using BMP2 mouse mAb (green) and negative control (red).

Note

For research use only.