

BMP7 monoclonal antibody

Catalog: MB22033

Host: Mouse

Reactivity: Human, Mouse

Background:

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 extraskel-etal 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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

49.3kDa

Swiss-Prot:

P18075

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immuno-gen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

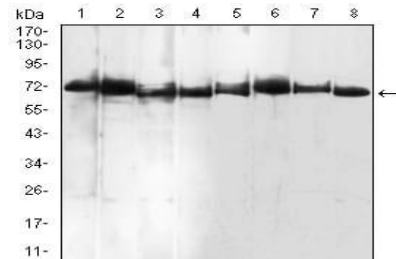
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

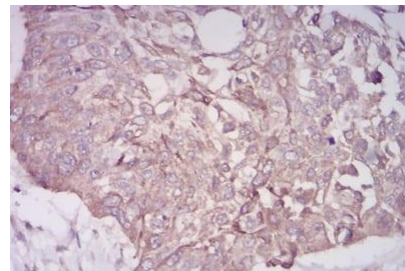
Isotype:

Mouse IgG1

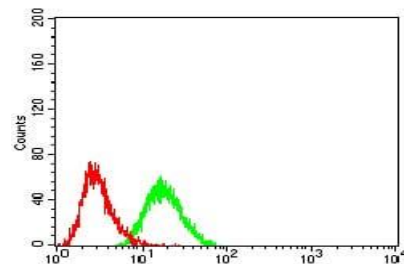
DATA:



Western blot analysis using BMP7 mouse mAb against Raw264.7 (1), A549 (2), Jurkat (3), PC-3 (4), HEK293 (5), Jurkat (6), NIH/3T3 (7), and HeLa (8) cell lysate.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using BMP7 mouse mAb with DAB staining.



Flow cytometric analysis of HEK293 cells using BMP7 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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