**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for TA505813AM

## BMP1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI3E9]

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | OTI3E9 |
| **Applications:** | IF, WB |
| **Recommended Dilution:** | WB 1:4000, IF 1:100 |
| **Reactivity:** | Human, Mouse, Rat |
| **Host:** | Mouse |
| **Isotype:** | IgG1 |
| **Clonality:** | Monoclonal |
| **Immunogen:** | Human recombinant protein fragment corresponding to amino acids 225-617 of human BMP1(NP_001190) produced in E.coli. |
| **Formulation:** | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| **Concentration:** | 0.5 mg/ml |
| **Purification:** | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| **Conjugation:** | Biotin |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Predicted Protein Size:** | 80.5 kDa |
| **Gene Name:** | bone morphogenetic protein 1 |
| **Database Link:** | NP_001190<br>Entrez Gene 12153 MouseEntrez Gene 83470 RatEntrez Gene 649 Human<br>P13497 |
| **Synonyms:** | OI13; PCOLC; PCP; PCP2; TLD |
| **Protein Families:** | Druggable Genome, Protease |

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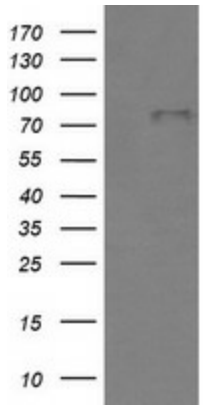
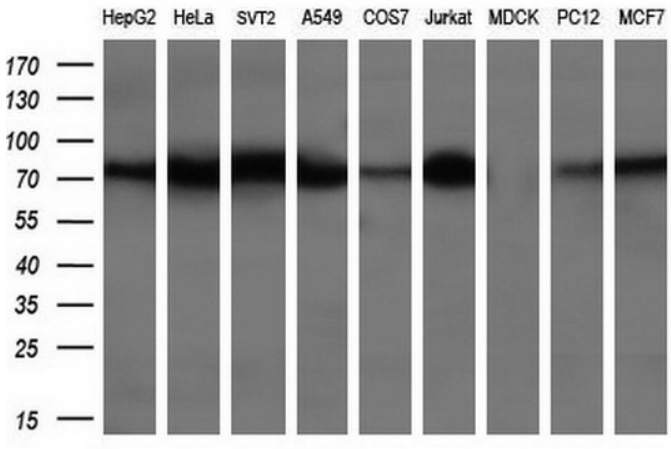
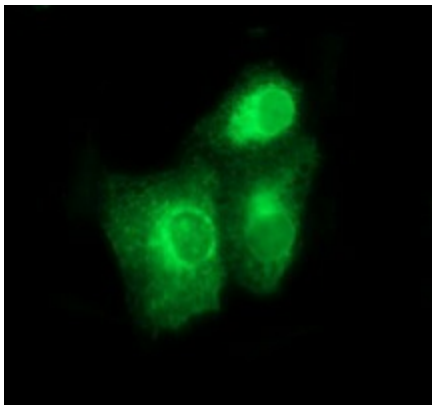
## Product images:




HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY BMP1 (Cat# [RC212538], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BMP1(Cat# [TA505813]). Positive lysates [LY400480] (100ug) and [LC400480] (20ug) can be purchased separately from OriGene.




Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-BMP1 monoclonal antibody at 1:200 dilution. (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human)



Anti-BMP1 mouse monoclonal antibody ([TA505813]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY BMP1 ([RC212538]).