

Product datasheet for **CF505813**

BMP1 Mouse Monoclonal Antibody [Clone ID: OTI3E9]

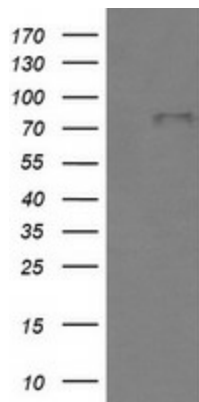
Product data:

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:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
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 Entrez Gene 12153 Mouse Entrez Gene 83470 Rat Entrez Gene 649 Human P13497
Synonyms:	OI13; PCOLC; PCP; PCP2; TLD
Protein Families:	Druggable Genome, Protease

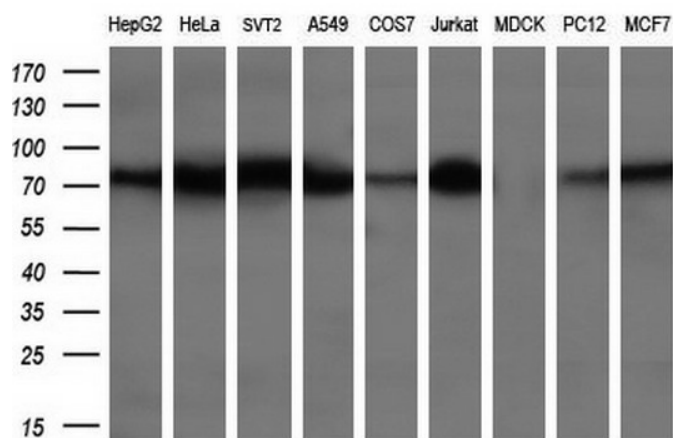


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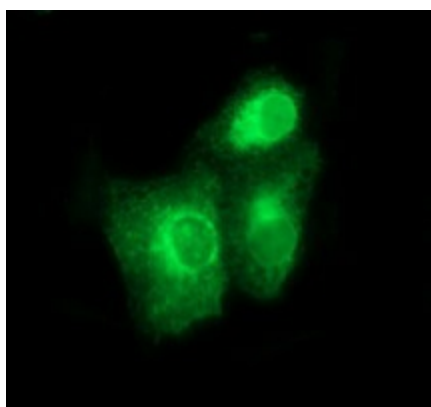
Product images:



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]).