

**Name: BMP4 mouse monoclonal antibody, clone UMAB42**  
**Product Data Sheet - UltraMAB**

**Catalog: UM500038**

Gene Name: Homo sapiens bone morphogenetic protein 4 (BMP4), transcript variant 2  
GeneBank accession: NM\_130850  
Isotype: IgG1

Reactivity: Human  
Test application: WB  
Clone Name: Clone UMAB42

**Gene Synonym:** BMP2B; BMP2B1; MCOPS6; OFC11; ZYME

**Guaranteed Applications:** WB, IHC, 10K-CHIP

**Suggested Dilutions:** WB: 1:2000, IHC: 1:50

**Immunogen:** Recombinant fragment expressed in E.coli corresponding to amino acids 293-408 of human BMP4

**Components:**

- BMP4 mouse monoclonal antibody, clone UMAB42 (UM500038)

**Amount:**

UM500038 100ul

**Concentration:** 0.5~1.0 mg/ml (Lot Dependent)

**Storage Condition:** Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

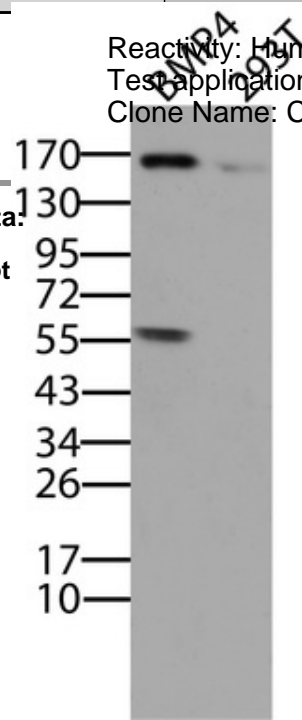
**Buffer:** PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

**Purification:**

Purified from mouse ascites fluids by affinity chromatography

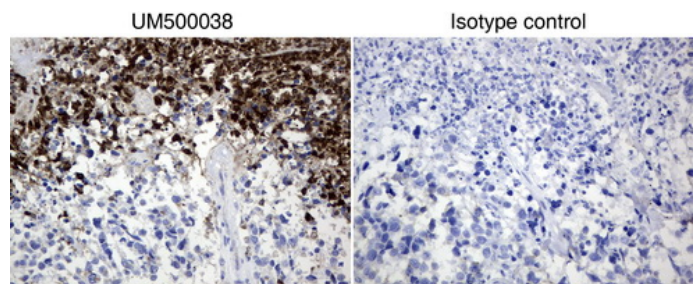
**Background:**

**Validation Data:**  
**Western Blot**



HEK293T cells transfected pCMV6-ENTRY BTRC (RC219979, Left lane) cDNA for 48 hrs or HEK293T cells untransfected (Right lane) were lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BTRC.

**IHC data**



Immunohistochemical staining of paraffin-embedded human melanoma using anti-BMP4 mouse monoclonal antibody; an unrelated antibody of the same isotype was used as negative control. (Clone UMAB38 , Dilution 1:50)

**Related Product:**

- TrueORF cDNA clones
- VERIFY Tagged Antigen lysates
- HuSH-29 shRNA
- Western Blot reagents
- Anti-myc/DDK tag antibodies

\* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

\* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500038.aspx>

***This product is to be used for laboratory only. Not for diagnostic or therapeutic use.***