

## Product datasheet for **TA501363**

### **MOB4A (MOB1B) Mouse Monoclonal Antibody [Clone ID: OTI3G9]**

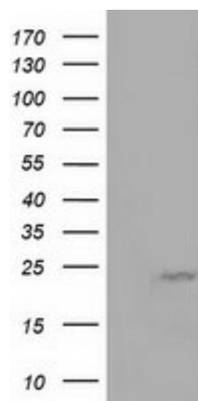
#### **Product data:**

|                                |  |
|--------------------------------|--|
| <b>Product Type:</b>           | Primary Antibodies   |
| <b>Clone Name:</b>             | OTI3G9   |
| <b>Applications:</b>           | IHC, WB  |
| <b>Recommend Dilution:</b>     | WB 1:500, IHC 1:50   |
| <b>Reactivity:</b>             | Human  |
| <b>Host:</b>                   | Mouse  |
| <b>Isotype:</b>                | IgG2a  |
| <b>Clonality:</b>              | Monoclonal   |
| <b>Immunogen:</b>              | Full length human recombinant protein of human MOBKL1A(NP_775739) produced in HEK293T cell.  |
| <b>Formulation:</b>            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.   |
| <b>Concentration:</b>          | 1 mg/ml  |
| <b>Purification:</b>           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| <b>Predicted Protein Size:</b> | 24.9 kDa   |
| <b>Gene Name:</b>              | MOB kinase activator 1B  |
| <b>Database Link:</b>          | <a href="#">NP_775739 Entrez Gene 92597 Human</a>  |
| <b>Background:</b>             | The protein encoded by this gene is similar to the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. [provided by RefSeq]. COMPLETENESS: complete on the 3' end. |
| <b>Synonyms:</b>               | MATS2; MOB4A; MOBKL1A  |

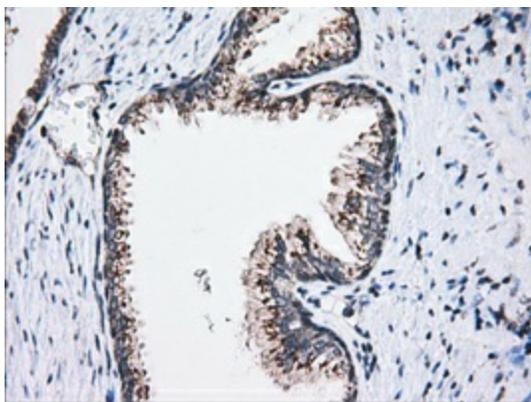


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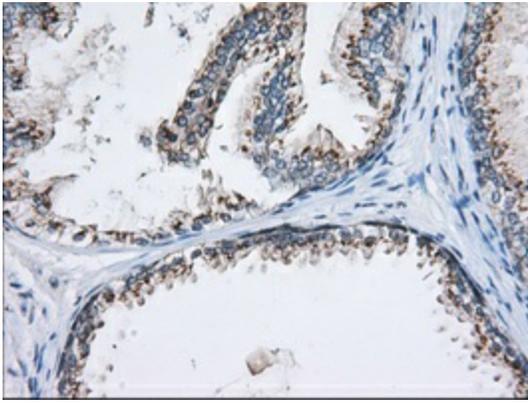
## Product images:



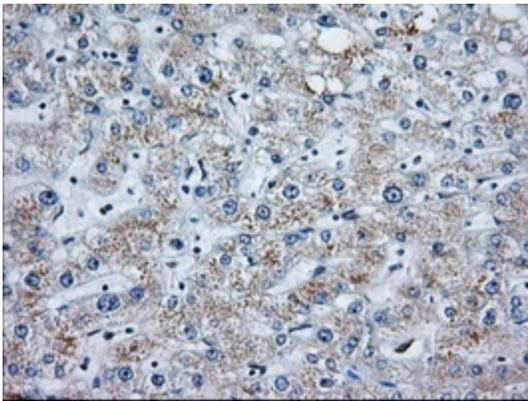
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MOBKL1A [RC206337], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MOBKL1A. Positive lysates [LY406621] (100ug) and [LC406621] (20ug) can be purchased separately from OriGene.



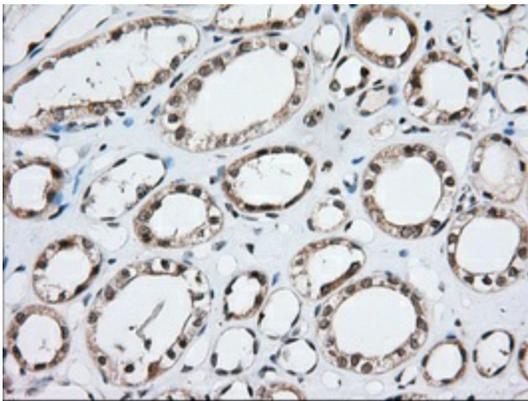
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-MOBKL1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501363, Dilution 1:50)



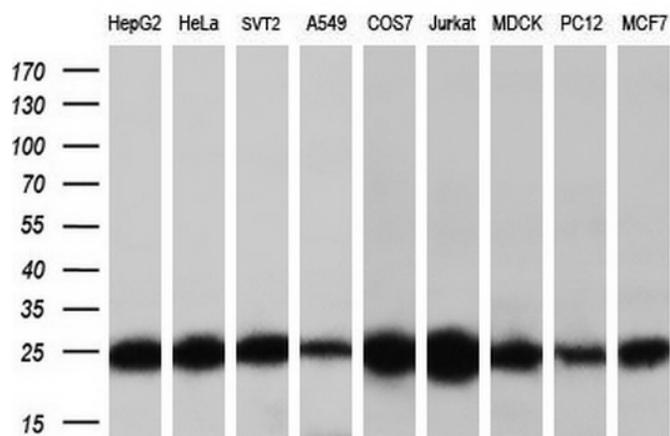
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-MOBKL1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501363, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-MOBKL1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501363, Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-MOBKL1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501363, Dilution 1:50)



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-MOBKL1A monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).