

## Product datasheet for **UM500063**

### **PFDN3 (VBP1) Mouse Monoclonal Antibody [Clone ID: UMAB75]**

#### **Product data:**

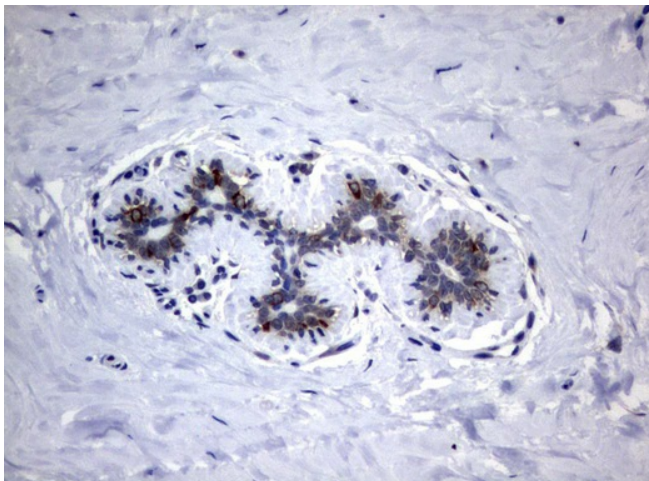
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	UMAB75
<b>Applications:</b>	10k-ChIP, IF, IHC, WB
<b>Recommended Dilution:</b>	IHC 1:100
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human VBP1(NP_003363) produced in HEK293T cell.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5~1.0 mg/ml (Lot Dependent)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	22.4 kDa
<b>Gene Name:</b>	Homo sapiens VHL binding protein 1 (VBP1), transcript variant 1, mRNA.
<b>Database Link:</b>	<a href="#">NP_003363</a> <a href="#">Entrez Gene 22327 Mouse</a> <a href="#">Entrez Gene 7411 Human</a> <a href="#">P61758</a>
<b>Background:</b>	The protein encoded by this gene interacts with the Von Hippel-Lindau protein to form an intracellular complex. Because it functions as a chaperone protein, it is suspected that it may play a role in the transport of the Von Hippel-Lindau protein from the perinuclear granules to the nucleus or cytoplasm. [provided by RefSeq, Jul 2008]
<b>Synonyms:</b>	HIBBJ46; PFD3; PFDN3; VBP-1



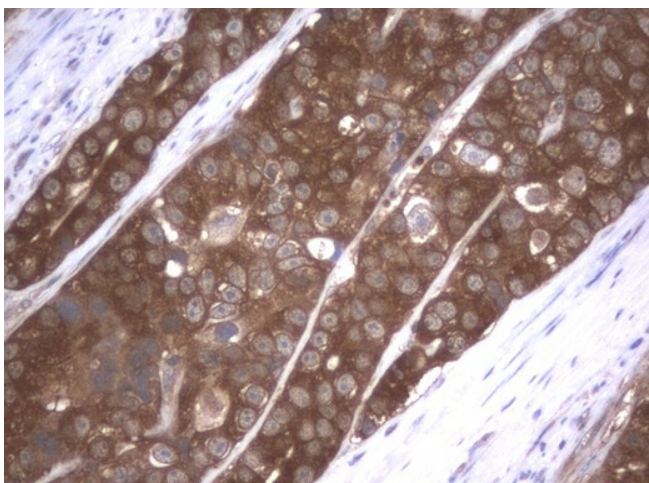
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Protein Families: Druggable Genome

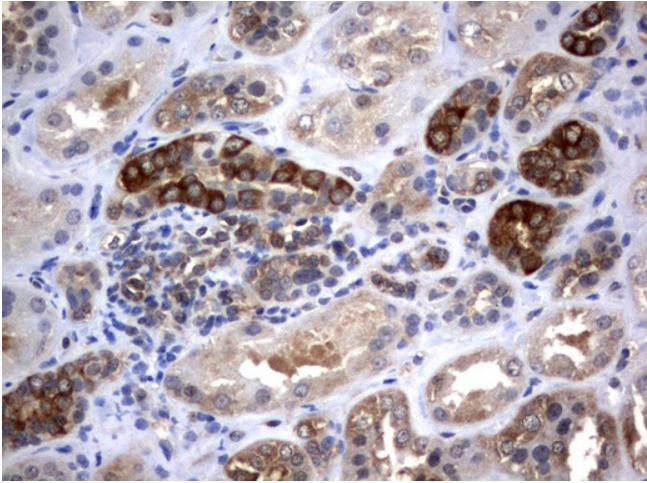
### Product images:



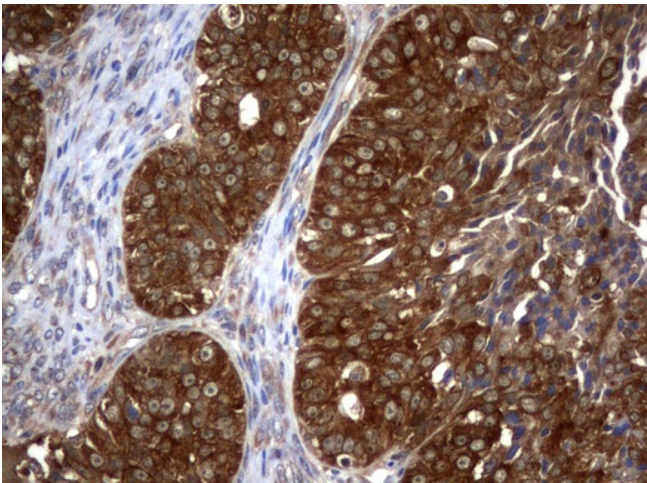
Immunohistochemical staining of paraffin-embedded Human breast tissue using anti-VBP1 mouse monoclonal antibody. (UM500063; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



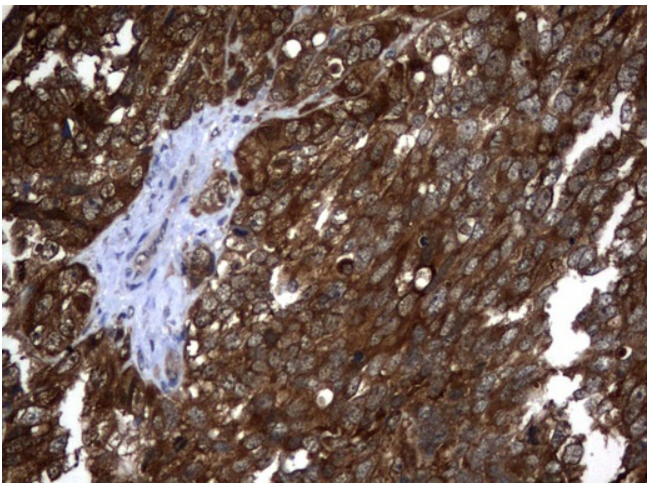
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-VBP1 mouse monoclonal antibody. (UM500063; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue using anti-VBP1 mouse monoclonal antibody. (UM500063; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)

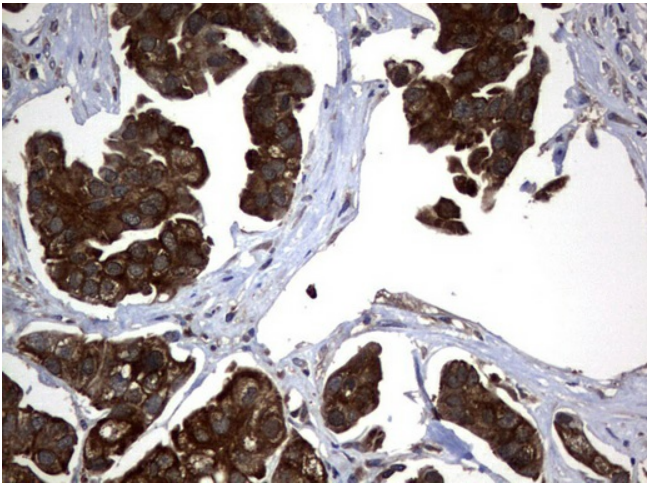


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-VBP1 mouse monoclonal antibody. (UM500063; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)

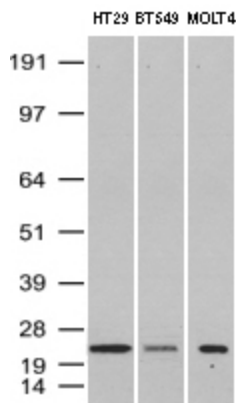


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-VBP1 mouse monoclonal antibody. (UM500063; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)

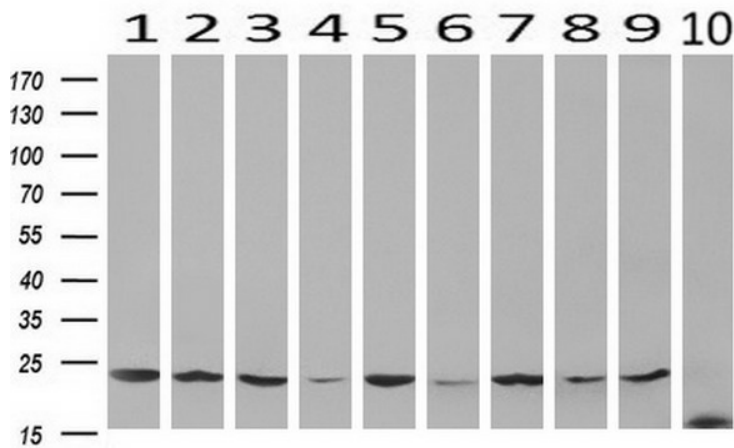




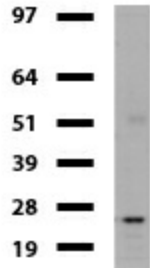
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-VBP1 mouse monoclonal antibody. (UM500063; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



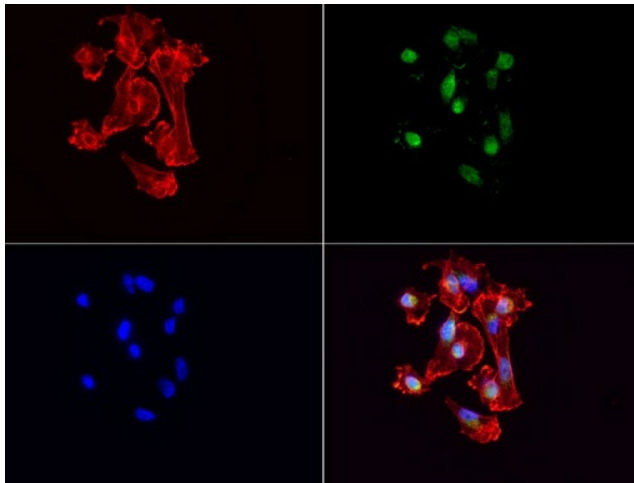
Western Blot analysis of HT-29, BT-549 and MOLT-4 cell lysates (35ug) by using anti-VBP1 monoclonal antibody (Clone UMAB75)



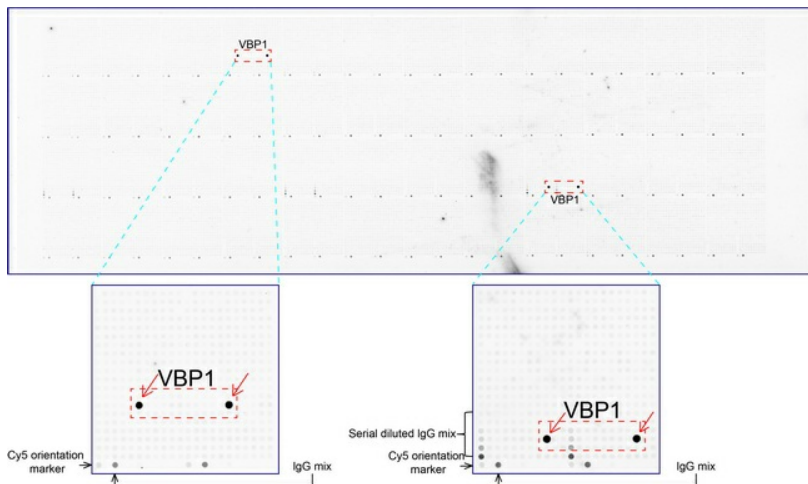
Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-VBP1 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).



Western blot of mouse tissue lysates (20ug) from Ovary. Primary antibody dilution: 1:500. Secondary antibody dilution: Mouse TrueBlot® Ultra (1:1000).



Immunofluorescent staining of MDA-MB-231 cells using anti-VBP1 mouse monoclonal antibody (UM500063, green, 1:100). Actin filaments were labeled with TRITC-phalloidin (red), and nuclear with DAPI (blue).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-VBP1 mouse monoclonal antibody (UM500063). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification.