

VBP1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant VBP1.****Catalog # AT4504a****Specification**

VBP1 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	P61758
Other Accession	BC046094
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	22626

VBP1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 7411**Other Names**

Prefoldin subunit 3, HIBBJ46, Von Hippel-Lindau-binding protein 1, VBP-1, VHL-binding protein 1, VBP1, PFDN3

Target/Specificity

VBP1 (AAH46094, 1 a.a. ~ 197 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

VBP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

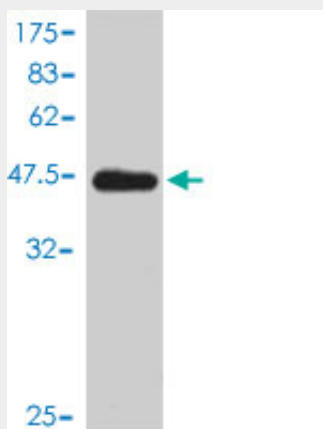
VBP1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

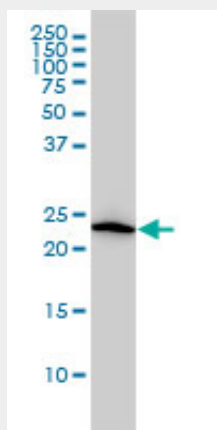
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

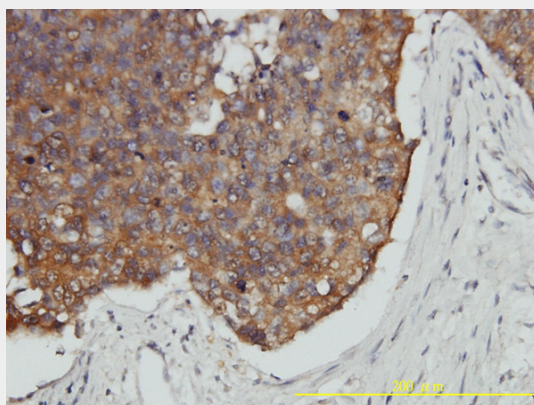
VBP1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.41 KDa) .

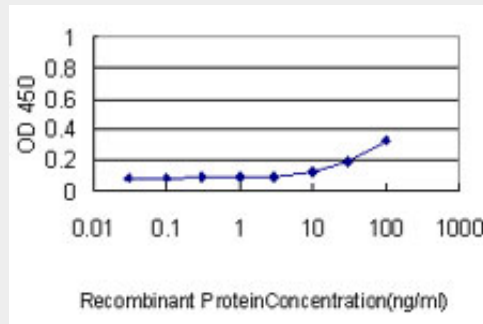


VBP1 monoclonal antibody (M01), clone 3D11 Western Blot analysis of VBP1 expression in HL-60 (Cat # AT4504a)



Immunoperoxidase of monoclonal antibody to VBP1 on formalin-fixed paraffin-embedded human

breast cancer tissue. [antibody concentration 5 ug/ml]



Detection limit for recombinant GST tagged VBP1 is approximately 1ng/ml as a capture antibody.

VBP1 Antibody (monoclonal) (M01) - Background

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.

VBP1 Antibody (monoclonal) (M01) - References

Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. von Hippel Lindau binding protein 1-mediated degradation of integrase affects HIV-1 gene expression at a postintegration step. Mousnier A, et al. Proc Natl Acad Sci U S A, 2007 Aug 21. PMID 17698809. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560. The DNA sequence of the human X chromosome. Ross MT, et al. Nature, 2005 Mar 17. PMID 15772651. Molecular pathogenesis of Philadelphia chromosome negative myeloproliferative disorders. Kralovics R, et al. Blood Rev, 2005 Jan. PMID 15572213.