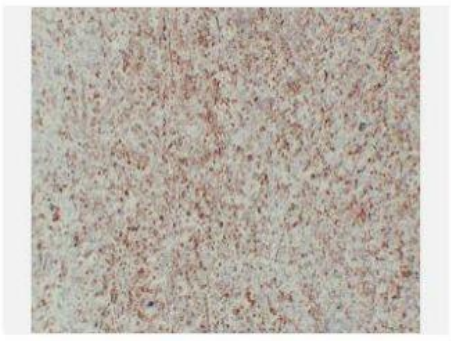
PRODUCT DATA SHEET

Vimentin (ABT-VIM) mouse mAb

Catalog No.	IML0042
Reactivity	Human; Mouse
Applications	IHC-p
Gene Name	VIM
Protein Name	Vimentin
Human Gene Id	7431
Swiss-Prot	P08670
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse:IgG1, Kappa
Dilution	IHC-p: 1:100-200
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	1.25mg:mL
Storage&Stability	-20°C:1 year
Background	This gene encodes a member of the intermediate filament family. Intermediate filamentents, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract.
Subcellular Location	Cytoplasmic
BiowMW	-

Products Images:



Immunohistochemical analysis of paraffin-embedded Malignant melanoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Citric acid ,pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

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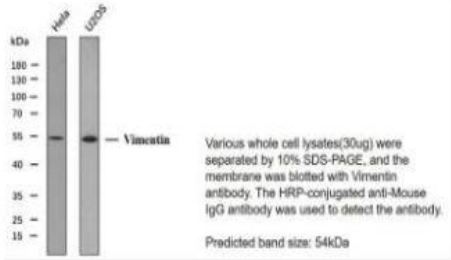
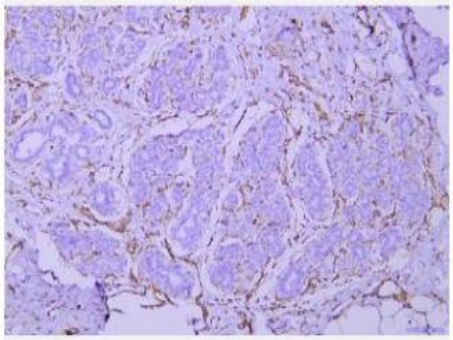
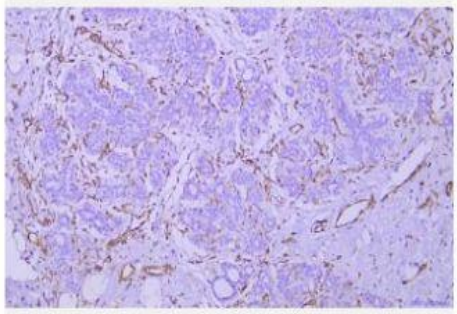


Western blot analysis of VimentinAntibody at 1:1000 dilution.



Immunohistochemical analysis of paraffin-embedded human mammary cancer Antibody was diluted at 1:200(4° overnight).



Immunohistochemical analysis of paraffin-embedded human mammary cancer Antibody was diluted at 1:200(4° overnight).