

## Anti-VIM antibody (400-466 aa) [ABT281] (STJ197198)

STJ197198

### GENERAL INFORMATION

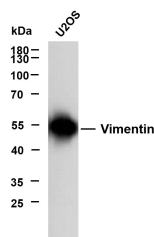
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Vimentin (400-466 aa) is suitable for use in Immunohistochemistry, Immunofluorescence and Western Blot research applications.
<b>Applications</b>	IHC/IF/WB
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

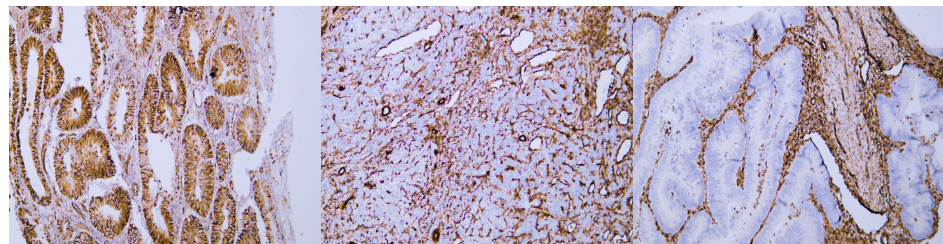
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	ABT281
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution Range</b>	IHC-P 1:100-500 WB 1:200-1000 IF 1:100-500
<b>Formulation</b>	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG1k
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	7431
<b>Gene Symbol</b>	VIM
<b>Uniprot ID</b>	VIME_HUMAN
<b>Immunogen</b>	Synthesized peptide derived from the human Vimentin at the amino acid range 400-466
<b>Immunogen Region</b>	400-466 aa
<b>Specificity</b>	The antibody can specifically recognize human Vimentin protein. In western blotting of HeLa cell lysate, the antibody can label a 54kDa band corresponding to Vimentin.
<b>Immunogen Sequence</b>	



U2OS whole cell lysates were separated by 10% SDS-PAGE, and the membrane was probed with anti-Vimentin (ABT281) antibody. The HRP-conjugated Goat anti-mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: U2OS Predicted band size: 54kDa Observed band size: 54kDa



Human endometrial adenocarcinoma tissue was stained with Anti-Vimentin (ABT281) Antibody

Human hepatocellular carcinoma tissue was stained with Anti-Vimentin (ABT281) Antibody

Human rectal carcinoma tissue was stained with Anti-Vimentin (ABT281) Antibody

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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