

Anti-VIM antibody (400-466 aa) [ABT019] (STJ197249)

GENERAL INFORMATION

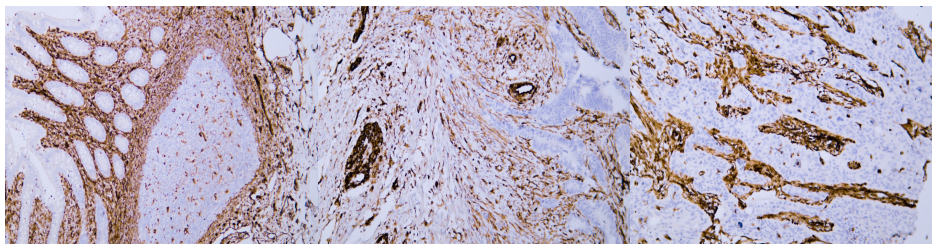
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Vimentin (400-466 aa) is suitable for use in Immunohistochemistry and Western Blot research applications.
Applications	IHC/WB
Host/Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	ABT019
Concentration	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	IHC-P 1:100-500 WB 1:200-1000 IF 1:100-500
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2bk
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

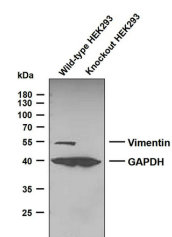
Gene ID	7431
Gene Symbol	VIM
Uniprot ID	VIME_HUMAN
Immunogen	Synthesized peptide derived from the human Vimentin at the amino acid range 400-466
Immunogen Region	400-466 aa
Specificity	The antibody can specifically recognize human Vimentin protein. In western blotting of HEK293 cell lysate, the antibody can label a 54KDa band corresponding to Vimentin.
Immunogen Sequence	



Human appendix tissue was stained with Anti-Vimentin (ABT019) Antibody

Human colon carcinoma tissue was stained with Anti-Vimentin (ABT019) Antibody

Human esophageal squamous cell carcinoma tissue was stained with Anti-Vimentin (ABT019) Antibody



Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Vimentin and anti-GAPDH antibody. The HRP-conjugated anti-mouse IgG antibody was used to detect the antibody. Lane 1: Wild type HEK293 cell lysate. Lane 2: Vimentin knockout HEK293 cell lysate. Predicted band size: 54kDa. Observed band size: 54kDa.