

Vimentin (ABT019) mouse mAb (Ready to Use)

Catalog No :	YM6969R
Reactivity :	Human;Mouse;Rat;
Applications :	IHC
Target :	Vimentin
Fields :	>>Epstein-Barr virus infection;>>MicroRNAs in cancer
Gene Name :	VIM
Protein Name :	ERK5
Human Gene Id :	7431
Human Swiss Prot No :	P08670
Immunogen :	Synthesized peptide derived from human Vimentin AA range: 400-466
Specificity :	The antibody can specifically recognize human Vimentin protein.
Formulation :	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
Source :	Mouse, Monoclonal/IgG2b, kappa
Dilution :	Ready to use for IHC
Purification :	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
Storage Stability :	2°C to 8°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.[provided by RefSeq, Jun 2009],

Function :

function:Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells.,online information:Vimentin entry,PTM:One of the most prominent phosphoproteins in various cells of mesenchymal origin. Phosphorylation is enhanced during cell division, at which time vimentin filaments are significantly reorganized.,sequence caution:Intron retention.,similarity:Belongs to the intermediate filament family.,subunit:Homopolymer. Interacts with HCV core protein. Interacts with LGSN and SYNM.,tissue specificity:Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.,

Subcellular Location :

Cytoplasmic

Expression :

Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.

Tag :

hot

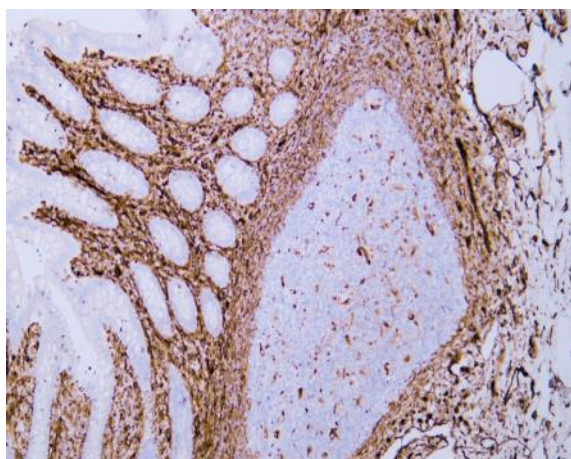
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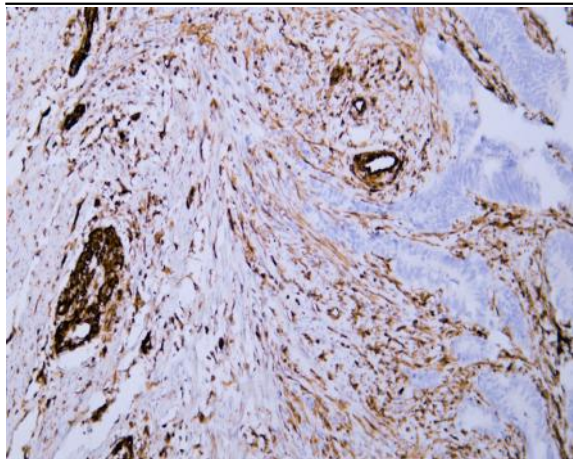
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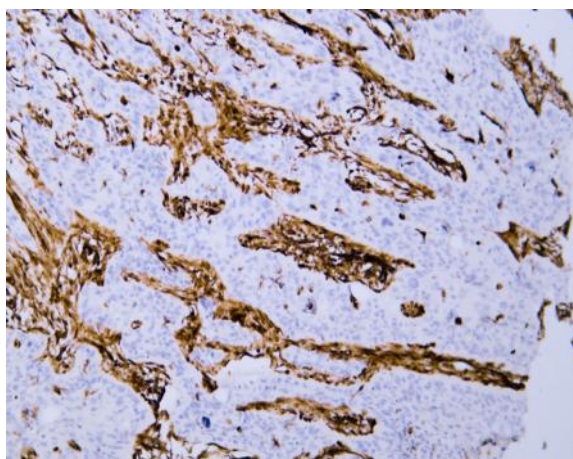
Products Images



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