



Mouse Monoclonal Antibody **Vimentin** conjugated to Sepharose Beads

CatalogNo: **ANT8324-M**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

Vimentin (ANT0095R) Rabbit mAb

Formulation: Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg ANaN3.

Host Species

- Rabbit
- Human, Mouse, Rat,

Reactivity

- WB, IHC, IF, IP, ELISA

Applications

MW

- 54kD (Calculated)
 - IgG, Kappa
- 54kD (Observed)

Isotype

Recommended Dilution Ratios

IP

Basic Information

Clonality

Monoclonal

Clone Number ANT0095R

Immunogen Information

Specificity Endogenous

Gene name VIM

Protein Name Vimentin

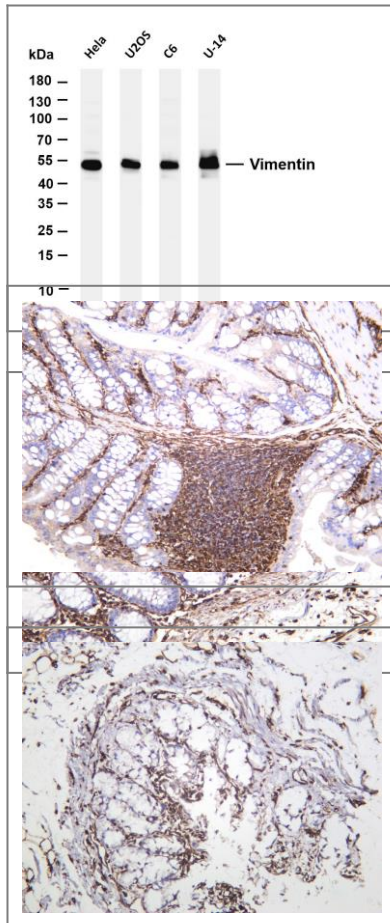
Organism	Gene ID	UniProt ID
Human	7431 ;	P08670 ;
Mouse	22352 ;	P20152 ;
Rat	81818 ;	P31000 ;

Cellular Localization Cytoplasm

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.

Function Function:Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells.,online information:Vimentin entry,ANTM: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 Blymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.,

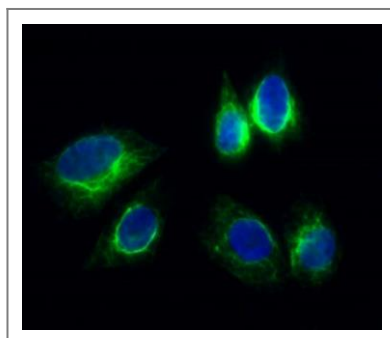
Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Vimentin (ANT0095R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: U2OS Lane 3: C6 Lane 4: U-14 Predicted band size: 54kDa Observed band size: 54kDa

Human colon was stained with anti-Vimentin (ANT0095R) rabbit antibody
Mouse colon was stained with anti-Vimentin (ANT0095R) rabbit antibody

Rat colon was stained with anti-Vimentin (ANT0095R) rabbit antibody



Immunofluorescence analysis of HeLa cell. 1,Vimentin Antibody(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 Catalog:RS3211 was diluted at 1:1000(room temperature, 50min). 3 DAPI(blue) 10min.

For Research use only, not for diagnostics and clinical use
Contact Antagene Inc Tel 1-866-964-2589 Email: info@antageneinc.com