Anti-Vimentin Rabbit Monoclonal Antibody

CATALOG NO: A1600-50

ALTERNATIVE NAMES: CTRCT30, Epididymis luminal protein 113, FLJ36605, HEL113, VIM.

AMOUNT: 50 µl

CLONE: RM289

IMMUNOGEN: A peptide corresponding to the C-terminus of human Vimentin

HOST/ISOTYPE: Rabbit IgG

SPECIES REACTIVITY: Human

PURIFICATION: Protein A affinity purified from an animal origin–free culture supernatant

FORM: Liquid

FORMULATION: 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide

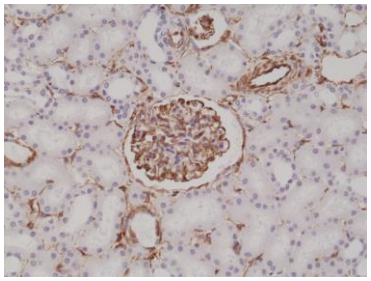
SPECIFICITY: This antibody reacts to human Vimentin. It may also react to mouse or rat Vimentin, as predicted by immunogen homology.

STORAGE CONDITIONS: For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

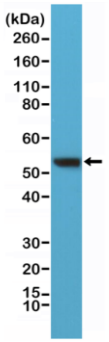
DESCRIPTION: Cytoskeletal intermediate filaments (IFs) constitute a diverse group of proteins that are expressed in a highly tissue-specific manner. Intermediate filaments are constructed from two-chain, α-helical, coiled-coil molecules arranged on an imperfect helical lattice and have been widely used as markers for distinguishing individual cell types within a tissue and identifying the origins of metastatic tumors. One such intermediate filament protein, Vimentin, is a general marker of cells originating in the mesenchyme. Vimentin is frequently co-expressed with other members of the intermediate filament family, such as the cytokeratins, in neoplasms including melanoma and breast carcinoma.

APPLICATION: WB: 1:200-1:500
IHC: 1:100-1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Immunohistochemical staining of formalin fixed and paraffin embedded human kidney tissue sections using anti-Vimentin rabbit monoclonal antibody (clone RM289) at a 1:200 dilution.



Western Blot of HeLa cell lysates using anti-Vimentin rabbit monoclonal antibody (clone RM289) at a 1:400 dilution.

RELATED PRODUCTS:

- Vimentin Antibody **(Cat. No. 3634)**
- Vimentin Blocking Peptide **(Cat. No. 3634BP)**
- Vimentin Antibody (CT) **(Cat. No. 6771)**

FOR RESEARCH USE ONLY! Not to be used on humans.