

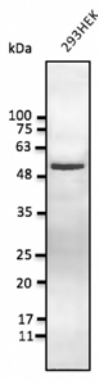
## Vimentin Polyclonal Antibody

|                       |  |                             |        |
|-----------------------|--|-----------------------------|--------|
| <b>Catalogue No*:</b> | AB252253-100   | <b>Price/Unit*:</b>         | 320.00 |
| <b>Source:</b>        | 3  | <b>Quantity/unit size*:</b> | 200 g  |
| <b>Description:</b>   | Goat polyclonal antibody to Vimentin. VIM is a member of the intermediate filament family. The cytoskeleton is made by these intermediate filaments, along with actin microfilaments and microtubules. VIM is responsible for integrity of the cytoplasm, stabilization of the cytoskeletal interactions and maintaining cell shape. This protein controls the transport of LDL-derived cholesterol from a lysosome to the site of esterification and is also involved in the immune response. It functions as an organizer of a number of critical proteins involved in migration, attachment and cell signaling.<br><br><b>Alternative names:</b> CTRCT30, Epididymis luminal protein 113, FLJ36605, HEL113, VIM antibody. |                             |        |
| <b>Immunogen:</b>     | Recombinant peptide derived from within residues 390 aa to the C-terminus of human VIM produced in <i>E. coli</i> .  |                             |        |
| <b>Specificity:</b>   | Detects endogenous levels of VIM by Western blot.  |                             |        |
| <b>Reactivity:</b>    | Reacts against human, rat, mouse, canine and monkey proteins.  |                             |        |
| <b>Usage:</b>         | Western blot 1:500-1:5,000<br>Immunofluorescence ND<br>Immunohistochemistry (paraffin) ND<br>Immunohistochemistry (frozen) ND  |                             |        |

### Reactivity Chart

| Sample | Western Blot | Immuno-fluorescence | Immuno-Histochemistry (p) | Immuno-Histochemistry (f) |
|--------|--------------|---------------------|---------------------------|---------------------------|
| human  | +++          | ND                  | ND                        | ND                        |
| rat    | +++          | ND                  | ND                        | ND                        |
| mouse  | +++          | ND                  | ND                        | ND                        |
| canine | +++          | ND                  | ND                        | ND                        |
| monkey | +++          | ND                  | ND                        | ND                        |

|                              |   |
|------------------------------|---|
| <b>Storage:</b>              | Store at -20 C for long-term storage. Store at 2-8 C for up to one month. |
| <b>Special instructions:</b> | Avoid freeze/thaw cycles.   |
| <b>References:</b>           | For research use only, not for diagnostic use                             |



Anti-VIM Ab at 1/2,500 dilution;  
lysates at 50 µg per lane; rabbit  
polyclonal to goat IgG (HRP) at  
1/10,000 dilution;

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