

**AM20684PU-N****Monoclonal Antibody to Vimentin - Purified**

|                                      |  |
|--------------------------------------|--|
| <b>Alternate names:</b>              | VIM  |
| <b>Quantity:</b>                     | 0.1 mg   |
| <b>Concentration:</b>                | 0,1 mg/ml (after reconstitution with PBS)  |
| <b>Background:</b>                   | The VIM gene was one of many that Gieser and Swaroop (1992) recovered from a subtracted cDNA library for retinal pigment epithelium. Vimentin gene express in human lymphocytes and in Burkitt's lymphoma cells. Vimentin is secreted by activated macrophages. The gene encoding human vimentin is located on the short arm of chromosome 10. |
| <b>Uniprot ID:</b>                   | <a href="#">P08670</a>   |
| <b>NCBI:</b>                         | <a href="#">NP_003371</a>  |
| <b>GeneID:</b>                       | <a href="#">7431</a>   |
| <b>Host / Isotype:</b>               | Mouse / IgG1   |
| <b>Recommended Isotype Controls:</b> | SM10P (for use in human samples), AM03095PU-N  |
| <b>Clone:</b>                        | VMT-24   |
| <b>Immunogen:</b>                    | Pig eye lens vimentin  |
| <b>Format:</b>                       | <b>State:</b> Lyophilized purified Ig fraction<br><b>Purification:</b> Affinity chromatography<br><b>Buffer System:</b> 1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative<br><b>Reconstitution:</b> Restore with 1.2% sodium acetate or neutral PBS   |
| <b>Applications:</b>                 | Western Blot: 0.5 - 1 µg/ml.<br>Immunohistochemistry on paraffin sections: 1.5 - 2.5 µg/ml.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.  |
| <b>Specificity:</b>                  | This antibody reacts to Vimentin.<br><b>Species:</b> Human, Rat.<br>Other species not tested.  |
| <b>Storage:</b>                      | Prior to reconstitution store at -20°C.<br>Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.  |
| <b>General Readings:</b>             | 1. Lilienbaum, A.; Legagneux, V.; Portier, M.-M.; Dellagi, K.; Paulin, D. : Vimentin gene: expression in human lymphocytes and in Burkitt's lymphoma cells. EMBO J. 5: 2809-2814, 1986.<br>2. Mor-Vaknin, N.; Punturieri, A.; Sitwala, K.; Markovitz, D. M. : Vimentin is secreted by activated macrophages. Nature Cell Biol. 5: 59-63, 2003  |

3 Ferrari, S.; Cannizzaro, L. A.; Battini, R.; Huebner, K.; Baserga, R. : The gene encoding human vimentin is located on the short arm of chromosome 10. *Am. J. Hum. Genet.* 41: 616-626, 1987.

**Pictures:**

