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| <b>Cat. No:</b>       | AB-84270                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Size:</b>          | 100 ug                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Clone:</b>         | POLY                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration:</b> | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Host:</b>          | Rb                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype:</b>       | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity:</b>    | Hu, Rt                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications:</b>  | Western blot: 1:1000 Immunohistochemistry(Paraffin-embedded Section):1:1000-1:2000                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purification:</b>  | Aff. Pur.                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Background:</b>    | cGMP-specific phosphodiesterase type 5 is an enzyme from the phosphodiesterase class. It is found in various tissues, most prominently the corpus cavernosum and the retina. It has also been recently discovered to play a vital role in the cardiovascular system. Furthermore, PDE5A also plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides. This PDE5A gene is mapped to 4q26. |
| <b>Form:</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Buffer:</b>        | Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg NaN <sub>3</sub> .                                                                                                                                                                                                                                                                                                                         |
| <b>Storage:</b>       | At -20°C for one year. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                       |

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