



BIOPRIME

Product Description

Art.-Nr.: DE007

Demasking Solution G

Konzentrat on Glycol-Basis

Presentation: 250 ml 4-fold concentrated solution

In General: After fixation of tissues with aldehyde (in particular fixation with formaldehyde) many antigens are not longer accessible for antibodies by cross linked proteins. This is true for monoclonal as well as for mono-specific polyclonal antibodies, detecting only a certain antigen epitope. Demasking solutions based on Glycol have stand the test in tissue preparation for immunohistochemistry. So, many antigens are now detectable which before were insufficient or not at all been accessible. In addition, this pretreatment often causes a better preservation of the tissue as demasking solutions based on urea and/or citrate.

Application: Dilute the concentrate 1:4 in *aqua dest.* or 0,01 M PBS. After **deparaffinisation** the tissue section will be overlaid by diluted demasking solution in a appropriate cuvette (plastic) and heated to 90 – 100 °C. The retention period depends on the certain antigen and the method of heating. Very often incubation of 2 x 5 min in a microwave (650 Watt) or 20 min in boiling water has proved to give good results. Using a steamer the incubation time is 5 min under full pressure, followed by a cooling of 15 min. If required, evaporated water can be replaced by *aqua dest.* or PBS. The solution can be used up to 3 times (Protocol!).

Good results * at: Human: AMACR, ATF-2 (Thr71), B-Zellen (CD20), BAX, bcl-2 Oncoprotein, CD34 (QBEND10), CEA, Cytokeratine, cerbB-2, Desmin, HEA125, Ki-67, MAC387, MAP-Kinase (1/2), Melan-A (MART-1) Neurofilament s, NSE, Estrogen-Receptor, p53 Protein, p63 Protein, p170 Glycoprotein, P504S, PSA, Synaptophysin, TG, TTF-1, T-cells (CD3?? und CD45RO), Vimentin (V9 und 3B4), Von Willebrand-Faktor u.a.

Rat: CD4 (W3/25), CD8 (OX8), CD11b (OX-42), CD25 (OX-39), CD45RA (OX-33), Macrophages (ED1, ED2, MAC387)

Storage: at 2-25°C.

? Most of the results are from labs of our customers. Only a part of it are from our own QC labs.

DE007 is a research reagent for *in vitro* experiments. It is not for clinical diagnostic! The article underlies a constantly quality control by a biochemical QC lab. A liability for not appropriate usage is excluded by the manufacturer.

DE007 contains no toxic heavy metals.

DE007 / 190704