

## MUC-4

### IN VITRO DIAGNOSTIC DATASHEET

**INTENDED USE :** IN VITRO DIAGNOSTIC USE

This Rabbit Monoclonal product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

**DESCRIPTION :**

The major constituents of mucus, the viscous secretion that covers epithelial surfaces such as those in the trachea, colon, and cervix, are highly glycosylated proteins called mucins. These glycoproteins play essential roles in protecting the epithelial cells and have been implicated in epithelial renewal and differentiation.

|                           |             |            |                       |
|---------------------------|-------------|------------|-----------------------|
| <b>CATALOG NO :</b>       | PL2004      | PL2004-R7  | 7 ML RTU 70 TEST      |
|                           |             | PL2004-R1  | 1 ML RTU 10 TEST      |
| <b>STAINING PATTERN :</b> | Cytoplasmic | PL2004-1   | 1 ML 1/100 1000 TEST  |
|                           |             | PL2004-0,1 | 0,1 ML 1/100 100 TEST |
| <b>POSITIVE CONTROL :</b> | Colon       |            |                       |

**VOLUME :** 7 ml Ready to Use ( 7 ml of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide. )

**HOST :** Rabbit

**CLONE :** PL-4

**ANTIBODY CONCENTRATION :** Not known

**SPECIES REACTIVITY :** Human. Others not tested.

**EPITOPE :** Not known

**MICROBIOLOGICAL STATE :** This product is not sterile.

**PRETREATMENT :** Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at room temperature for 20 min.

**PRIMARY ANTIBODY INCUBATION TIME :** 60 minutes at Room Temperature

**STAINING TIPS :** If the staining is too light, use lower dilution or longer time. If the staining is too strong, check pretreatment, use higher dilution or shorter time.

**STORAGE AND STABILITY :** This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

**TROUBLESHOOTING :** Please contact PatoLab Technical Support by e-mail ( patolab@patolab.com.tr ).