

MUC4

Recombinant Rabbit Monoclonal Antibody

Product Datasheet

Catalog# BX50117

Clone# BP6121

Predicted Molecular Wt: 232kDa

Species Cross-reactivity: Human

Applications: IHC-P

Purity: ProA affinity purified IgG

Form: Liquid

Swissprot ID: Q99102

Background:

MUC4 (mucin 4) is a large membrane-anchored glycoprotein of the mucin family that is expressed by epithelial cells in various normal tissues including lung, bronchus, stomach, colon, and cervix. MUC4 is generally not detected in normal pancreas, but is expressed in the vast majority of pancreatic neoplasms, such as pancreatic ductal adenocarcinoma. Additionally, expression in various carcinomas has been reported, including gastric adenocarcinoma, colon adenocarcinoma, and lung adenocarcinoma.

Subcellular location:

Cytoplasmic

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Recombinant fragment corresponding to HumanMUC4 with aa1500-2000 was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-20°C

Storage instructions:

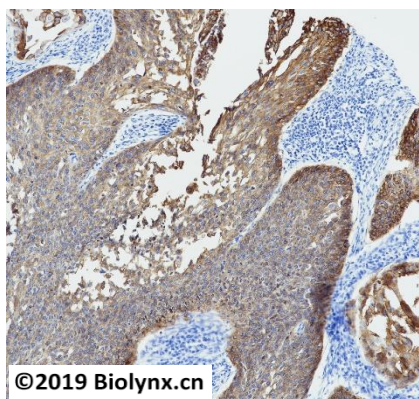
Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200

Background References:

1. Svetlana Kovalenko, et al. Adv Respir Med. 2017;85(1):3-7.
2. Chebib, et al . International Journal of Surgical Pathology. 2014;23(2), 144–148.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of cervix carcinoma tissue labelling MUC4 with BP6121. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.