

CDKN2A / p16INK4a antibody [MSVA-016R] HistoMAX™

Cat. No. GTX04442

| | |
|--------------|------------|
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype | IgG |
| Applications | IHC-P |
| Reactivity | Human |

References (1)

Package

500 µl, 100 µl

PRODUCT

This antibody was validated on 76 different Normal Tissues by IHC-P.

Summary

[Go to Normal Tissue Gallery](#)
[Go to Cancer Tissue Gallery](#)

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| IHC-P | 1:100-1:200 |

Note : Manual staining : Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Tris-EDTA-based Target Retrieval Solution buffer. Based on testing result, pH 9.0 showed a strongest staining pattern. However, pH 7.8 results in only a slight reduction of the staining intensity as compared to pH 9.0. Therefore, the pH 7.8 was an optimal for manual staining because of the better tissue preservation at pH 7.8 than at pH 9.0.

This antibody has been validated by Autostainer including Agilent/Dako - Autostainer Link 48 and BOND RX - Leica. The detailed steps by Autostainer please refer to the [protocol](#).

Not tested in other applications.

Product Note **Highly recommended for IHC-P in human tissues.**

Properties

| | |
|---------------|--|
| Form | Liquid |
| Buffer | PBS, 0.05% BSA (Please contact us for PBS only format) |
| Preservative | 0.05% sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.2 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant full-length human p16INK4a protein |



For full product information, images and publications, please visit our [website](#).

Purification Protein A/G purified

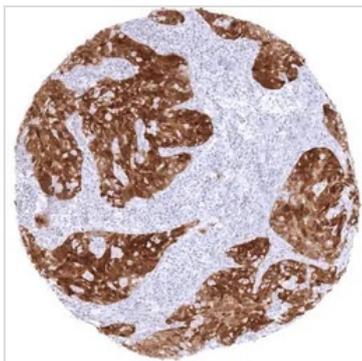
Conjugation Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

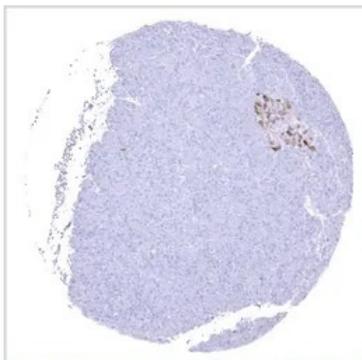
DATA IMAGES



GTX04442 IHC-P Image

IHC-P analysis of human squamous cell carcinoma (SCC) from uterine tissue using GTX04442 CDKN2A / p16INK4a antibody [MSVA-016R] HistoMAX™.

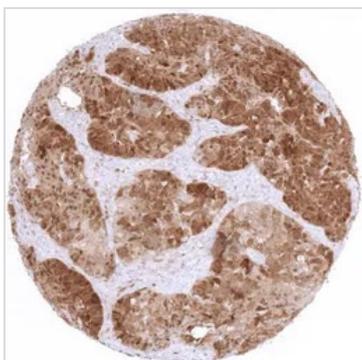
Squamous cell carcinoma of the cervix uteri HPV positive with strong CDKN2A / p16INK4a immunostaining.



GTX04442 IHC-P Image

IHC-P analysis of human pancreas tissue using GTX04442 CDKN2A / p16INK4a antibody [MSVA-016R] HistoMAX™.

Moderate intensity CDKN2A / p16INK4a immunostaining of islets of Langerhans.



GTX04442 IHC-P Image

IHC-P analysis of human ovarian serous carcinoma tissue using GTX04442 CDKN2A / p16INK4a antibody [MSVA-016R] HistoMAX™.

Serous ovarian carcinoma with variable intensity CDKN2A / p16INK4a immunostaining in all cells.



For full product information, images and publications, please visit our [website](#).