

Desmoglein 3 antibody [MSVA-543M] HistoMAX™

Cat. No. GTX04468

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
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	1:75-1:150

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.

This antibody has been validated by Autostainer including Agilent/Dako - Autostainer Link 48, Bond RX-Lecia, and Roche-Ventana Discovery ULTRA. 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 fragment (around aa 379-491) human DSG3 protein
Purification	Protein A/G purified



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

Date 2026 / 01 / 06 Page 1 of 2

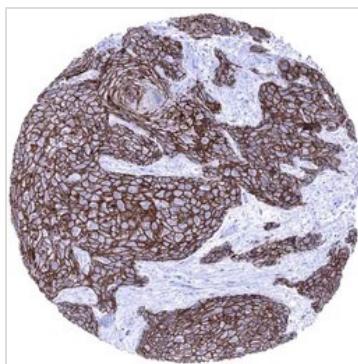
Conjugation

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**GTx04468 IHC-P Image**

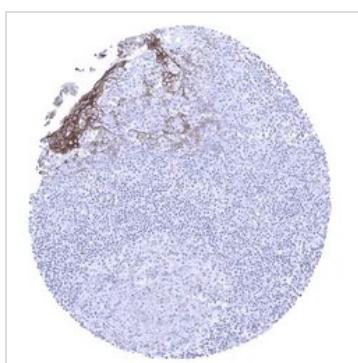
IHC-P analysis of human squamous cell carcinoma (SCC) from penile tissue using GTx04468 Desmoglein 3 antibody [MSVA-543M] HistoMAX™.

Squamous cell carcinoma of the penis with intense membranous desmoglein 3 immunostaining of tumor cells.

**GTx04468 IHC-P Image**

IHC-P analysis of human esophagus tissue using GTx04468 Desmoglein 3 antibody [MSVA-543M] HistoMAX™.

A strong membranous desmoglein 3 immunostaining predominantly occurs in the lower 2/3 of the squamous epithelium.

**GTx04468 IHC-P Image**

IHC-P analysis of human tonsil tissue using GTx04468 Desmoglein 3 antibody [MSVA-543M] HistoMAX™.

In the tonsil a moderate to strong desmoglein 3 immunostaining occurs in squamous epithelial cells of crypts. All other cell types are desmoglein 3 negative.



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

Date 2026 / 01 / 06 Page 2 of 2