Synaptophysin antibody [MSVA-462R] HistoMAX™

Cat. No. GTX04371

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

References (1)
Package
500 µl, 100 µl

PRODUCT

Summary

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

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, 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.** Autostainer protocol information available

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 4ºC. For long-term storage, aliquot and store at -20ºC 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 274-313) of human Synaptophysin (SYP) protein

For full product information, images and publications, please visit our website.

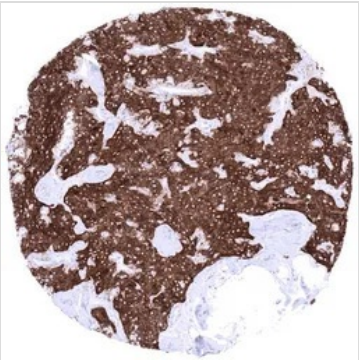
GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

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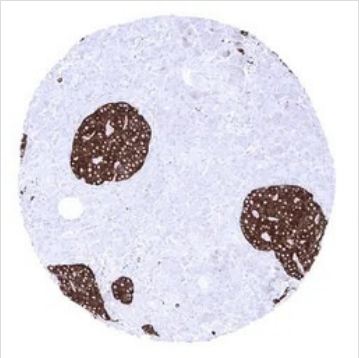
Purification	Protein A/G purified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



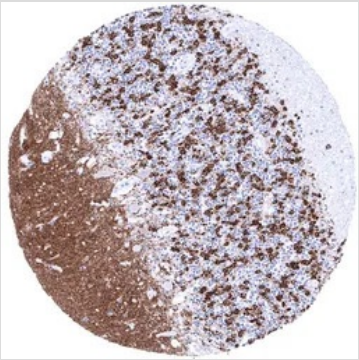
GTX04371 IHC-P Image

IHC-P analysis of human medullary thyroid cancer (MTC) tissue using GTX04371 Synaptophysin antibody [MSVA-462R] HistoMAX™.
Strong cytoplasmic synaptophysin immunostaining of all tumor cells.



GTX04371 IHC-P Image

IHC-P analysis of human pancreas tissue using GTX04371 Synaptophysin antibody [MSVA-462R] HistoMAX™.
A strong synaptophysin immunostaining is seen in islet cells of Langerhans.



GTX04371 IHC-P Image

IHC-P analysis of human cerebellum (molecular layer, Purkinje cell layer, granule cell layer, and white matter) tissue using GTX04371 Synaptophysin antibody [MSVA-462R] HistoMAX™.
Synaptophysin is strongly expressed in cerebellum molecular, Purkinje and granular layer.

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