

## EpCAM antibody [EGP40/1110]

**Cat. No. GTX34691**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	IHC-P, Protein Array
<b>Reactivity</b>	Human, Mouse, Rat

Package  
100 µg

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
IHC-P	1-2µg/ml for 30 min at RT
Protein Array	Assay dependent

**Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.**

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 0.05% BSA
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	A recombinant fragment from the cytoplasmic domain (around aa 280-350) of human EpCAM (exact sequence is proprietary)
<b>Purification</b>	Protein A/G purified
<b>Conjugation</b>	Unconjugated

**Note**

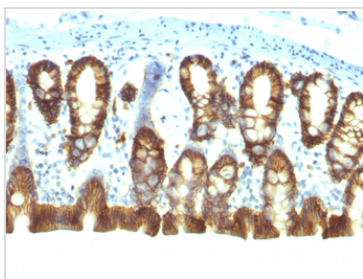
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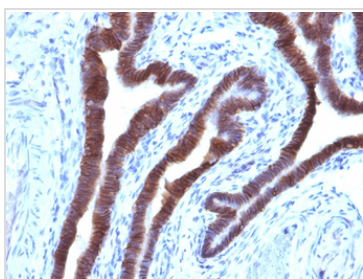
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DATA IMAGES



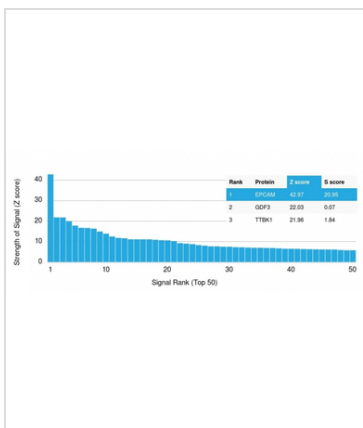
**GTX34691 IHC-P Image**

IHC-P analysis of rat colon tissue using GTX34691 EpCAM antibody [EGP40/1110].



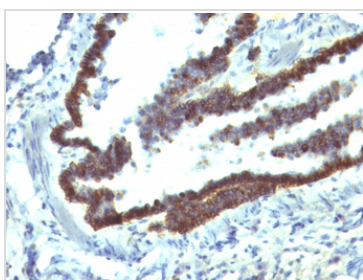
**GTX34691 IHC-P Image**

IHC-P analysis of human ovarian carcinoma tissue using GTX34691 EpCAM antibody [EGP40/1110].



**GTX34691 Protein Array Image**

Analysis of Protein Array containing more than 19,000 full-length human proteins using EpCAM Mouse Monoclonal Antibody (EGP40/1110). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



**GTX34691 IHC-P Image**

IHC-P analysis of rat lung tissue using GTX34691 EpCAM antibody [EGP40/1110].



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