

EpCAM antibody [EGP40/1384]

Cat. No. GTX34696

Host	Mouse	Package
Clonality	Monoclonal	100 µg
Isotype	IgG	
Applications	ICC/IF, IHC-P, FCM, ELISA, Protein Array	
Reactivity	Human	

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	1-2µg/ml
IHC-P	1-2µg/ml for 30 min at RT
FCM	1-2µg/10 ⁶ cells
ELISA	Assay dependent
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.

For ELISA coating, recommend using BSA-free format (please contact us for PBS only format).

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
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 human EpCAM protein fragment from extracellular domain (around aa77-202) (exact sequence is proprietary)
Purification	Protein A/G purified
Conjugation	Unconjugated



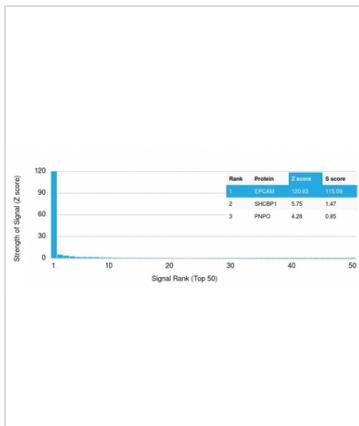
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Date 2026 / 01 / 13 Page 1 of 2

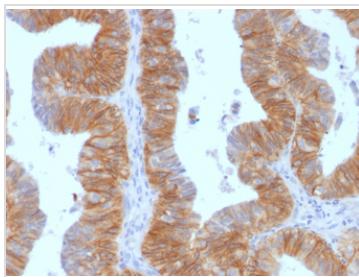
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Note

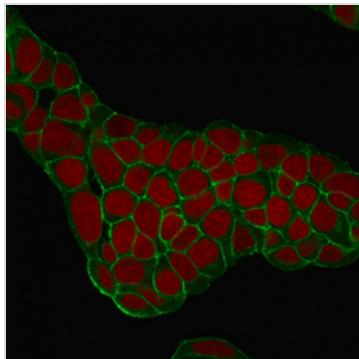
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DATA IMAGES**GTx34696 Protein Array Image**

Analysis of Protein Array containing more than 19,000 full-length human proteins using EpCAM Mouse Monoclonal Antibody (EGP40/1384). 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 HuProtTM 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 HuProtTM 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.

**GTx34696 IHC-P Image**

IHC-P analysis of human ovarian carcinoma tissue using GTx34696 EpCAM antibody [EGP40/1384].

**GTx34696 ICC/IF Image**

ICC/IF analysis of MCF-7 cells using GTx34696 EpCAM antibody [EGP40/1384].

Green : Primary antibody

Red : nucleus



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Date 2026 / 01 / 13 Page 2 of 2