

# Product Datasheet

## EpCAM/TROP1 Antibody (OTI1H9) NBP2-45448

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-45448****EpCAM/TROP1 Antibody (OTI1H9)****Product Information**

|                                |                                          |
|--------------------------------|------------------------------------------|
| <b>Unit Size</b>               | 0.1 ml                                   |
| <b>Concentration</b>           | 1 mg/ml                                  |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                               |
| <b>Clone</b>                   | OTI1H9                                   |
| <b>Preservative</b>            | 0.02% Sodium Azide                       |
| <b>Isotype</b>                 | IgG2b                                    |
| <b>Purity</b>                  | Immunogen affinity purified              |
| <b>Buffer</b>                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| <b>Target Molecular Weight</b> | 32.7 kDa                                 |

**Product Description**

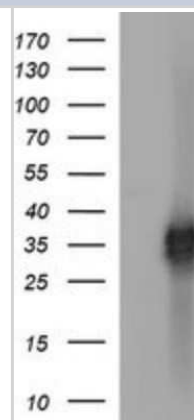
|                    |                                                                                                                                                                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Mouse EpCAM/TROP1 Antibody (OTI1H9) (NBP2-45448) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-EpCAM/TROP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Mouse                                                                                                                                                                                                                                                       |
| <b>Gene ID</b>     | 4072                                                                                                                                                                                                                                                        |
| <b>Gene Symbol</b> | EPCAM                                                                                                                                                                                                                                                       |
| <b>Species</b>     | Human                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>   | Full length human recombinant protein of human EPCAM(NP_002345) produced in HEK293T cell.                                                                                                                                                                   |

**Product Application Details**

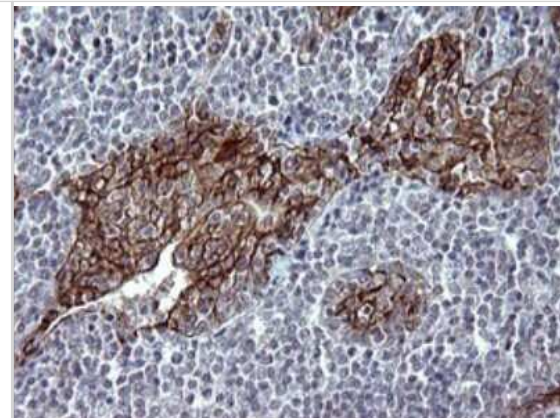
|                              |                                                                                                                              |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                    |
| <b>Recommended Dilutions</b> | Western Blot 1:4000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin |

**Images**

Western Blot: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY EPCAM.



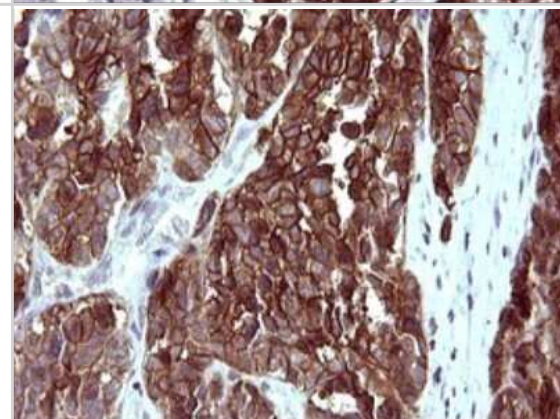
Immunohistochemistry: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of Human lymphoma tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



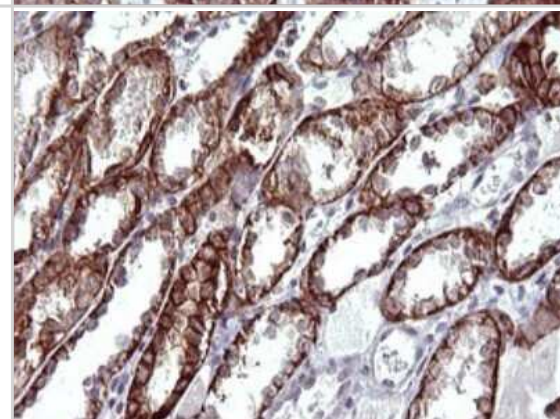
Immunohistochemistry: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of Human colon tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



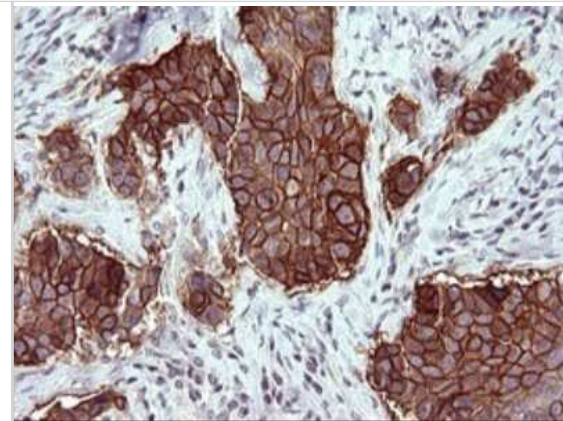
Immunohistochemistry: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of Adenocarcinoma of Human colon tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



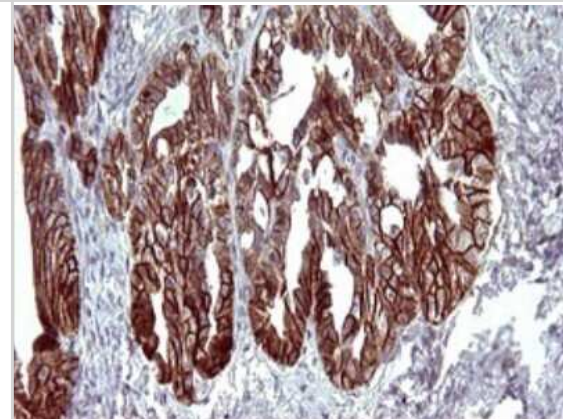
Immunohistochemistry: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of Human Kidney tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



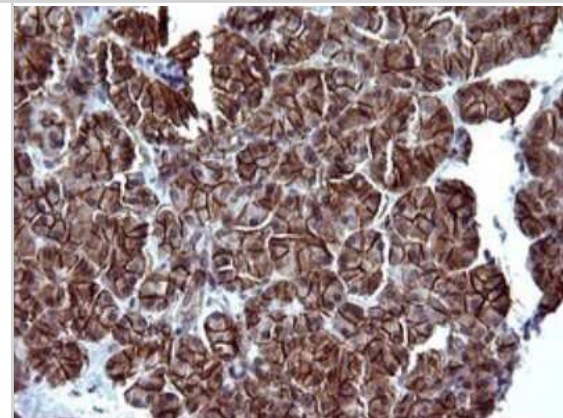
Immunohistochemistry: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of Carcinoma of Human lung tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



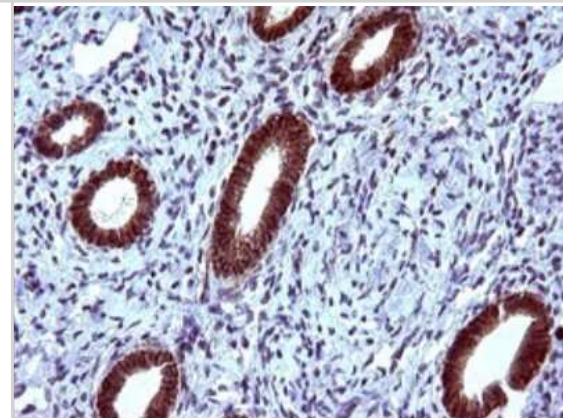
Immunohistochemistry: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of Adenocarcinoma of Human ovary tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



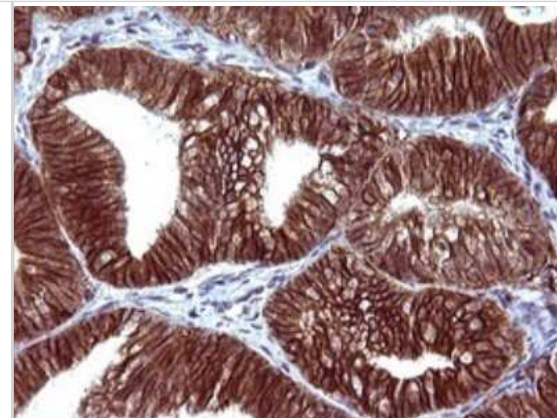
Immunohistochemistry: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



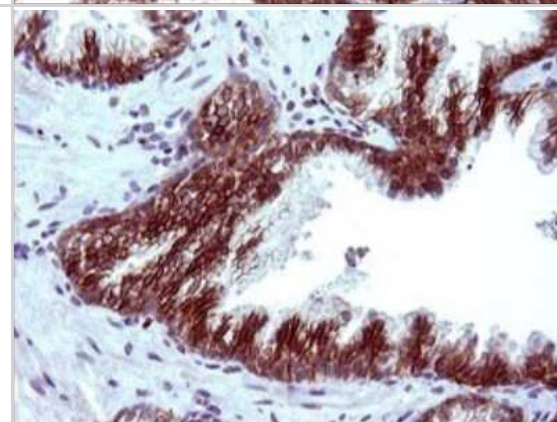
Immunohistochemistry: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of Human endometrium tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of Adenocarcinoma of Human endometrium tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of Human prostate tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunofluorescence: EpCAM/TROP1 Antibody (OTI1H9) [NBP2-45448] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY EPCAM.



## Publications

Shin H, Jeong H, Park J et al. Correlation between Cancerous Exosomes and Protein Markers Based on Surface-Enhanced Raman Spectroscopy (SERS) and Principal Component Analysis (PCA). ACS Sens. 2018-11-09 [PMID: 30381940] (WB, Human)



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### **Products Related to NBP2-45448**

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|                   |                                                         |
|-------------------|---------------------------------------------------------|
| HAF007            | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B           | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP2-27231        | Mouse IgG2b Isotype Control (MPC-11)                    |
| NBP2-52190-0.05mg | Recombinant Human EpCAM/TROP1 His Protein               |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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