

# Product Datasheet

## EpCAM/TROP1 Antibody (rMOC-31) [Alexa Fluor® 700] NBP2-54521AF700

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-54521AF700**

EpCAM/TROP1 Antibody (rMOC-31) [Alexa Fluor® 700]

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	rMOC-31
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Alexa Fluor 700
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	4072
<b>Gene Symbol</b>	EPCAM
<b>Species</b>	Human, Rat (Negative)
<b>Reactivity Notes</b>	Does not react with Rat, Canine or Feline.
<b>Marker</b>	Epithelial Marker
<b>Specificity/Sensitivity</b>	Binding epitope of this antibody is located in the first EGF-like repeat domain (EGF1) between amino acids 27-59 of EpCAM. EGP40 is a 40-43kDa transmembrane epithelial glycoprotein, also identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (EpCAM). It is expressed on baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas with the exception of adult squamous epithelium, hepatocytes and gastric epithelial cells. This antibody has been used to distinguish adenocarcinoma from pleural mesothelioma and hepatocellular carcinoma. This antibody is also useful in distinguishing serous carcinomas of the ovary from mesothelioma.
<b>Immunogen</b>	Recombinant full-length human EpCAM/TROP1 protein (Uniprot: P16422 )

**Notes**

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**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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## Products Related to NBP2-54521AF700

IC002N

Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 700]

NBP2-52190-0.05mg

Recombinant Human EpCAM/TROP1 His Protein

202-IL-010

IL-2 [Unconjugated]

960-EP-050

EpCAM/TROP1 [Unconjugated]

## 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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