

# Product Datasheet

## EpCAM/TROP1 Antibody (PAN-EpCAM (Cocktail)) [PE/Cy5.5] NBP2-47878PECY55

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-47878PECY55**

EpCAM/TROP1 Antibody (PAN-EpCAM (Cocktail)) [PE/Cy5.5]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<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. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PAN-EpCAM (Cocktail)
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	PE/Cy5.5
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	4072
<b>Gene Symbol</b>	EPCAM
<b>Species</b>	Human
<b>Marker</b>	Epithelial Marker
<b>Specificity/Sensitivity</b>	It is a cocktail of four highly specific monoclonal antibodies that recognize extracellular as well as intracellular domains of the epithelial cellular adhesion molecule (EpCAM). It is a 40-43kDa transmembrane epithelial glycoprotein, identified as epithelial specific antigen (ESA), or EpCAM. EpCAM is expressed on baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas. This epithelial antigen plays an important role as a tumor-cell marker in lymph nodes from patients with esophageal carcinoma otherwise classified as node-negative. Epithelial antigen has also been suggested as a discriminator between basal cell and baso-squamous carcinomas, and squamous cell carcinoma of the skin.
<b>Immunogen</b>	Recombinant human EpCAM/TROP1 protein (full-length and fragments) (Uniprot: P16422 )
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions.





### Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### General Contact Information

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### Products Related to NBP2-47878PECY55

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NBP2-52190-0.05mg	Recombinant Human EpCAM/TROP1 His Protein
202-IL-010	IL-2 [Unconjugated]
960-EP-050	EpCAM/TROP1 [Unconjugated]
AF748	E-Cadherin Antibody [Unconjugated]

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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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