

## Anti-EpCAM Antibody [VU-1D9] (A249251)

### Specifications:

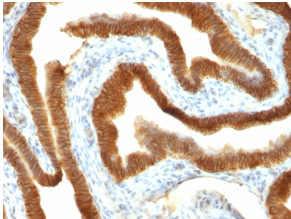
Name:	Anti-EpCAM Antibody [VU-1D9]
Description:	Mouse monoclonal [VU-1D9] antibody to EpCAM.
Specificity:	This antibody reacts with the first EGF repeat in the extracellular domain of Ep-CAM. It is a 40-43kDa transmembrane epithelial glycoprotein, also identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (Ep-CAM). 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.
Applications:	Flow Cytometry, IF, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Cross Reactivity:	This antibody does not cross react with Rat or Ferret.
Immunogen:	Small cell lung carcinoma cells.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	VU-1D9
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-EpCAM Antibody [VU-1D9] - BSA and Azide free (A252431).

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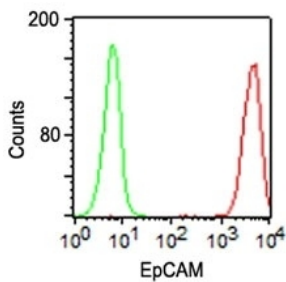
## Specifications continued:

**Disclaimer:** This product is for research use only. It is not intended for diagnostic or therapeutic use.

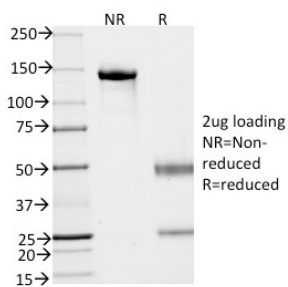
## Images:



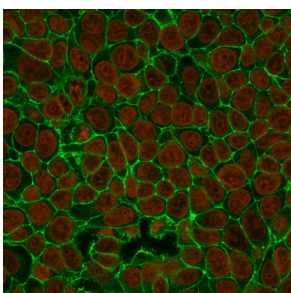
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human colon carcinoma using Anti-EpCAM Antibody [VU-1D9].



Flow cytometric analysis of HT29 cells labeling EpCam with Anti-EpCAM Antibody [VU-1D9] (Red). Isotype Control (Green).



SDS-PAGE analysis of Anti-EpCAM Antibody [VU-1D9] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Immunofluorescent analysis of MCF-7 cells stained with Anti-EpCAM Antibody [VU-1D9] (CF® 488) (Green); NucSpot is used to label the nuclei (Red).