

# CD44 / HCAM Std. Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone SPM521 ]  
Catalog # AH12741

## Product Information

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<b>Application</b>	WB, IHC, IF, FC
<b>Primary Accession</b>	<a href="#">P16070</a>
<b>Other Accession</b>	<a href="#">960</a> , <a href="#">502328</a>
<b>Reactivity</b>	Human, Baboon
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse / IgG2a, kappa
<b>Clone Names</b>	SPM521
<b>Calculated MW</b>	80 KDa

## Additional Information

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<b>Other Names</b>	CD44 antigen, CDw44, Epican, Extracellular matrix receptor III, ECMR-III, GP90 lymphocyte homing/adhesion receptor, HUTCH-I, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, Phagocytic glycoprotein 1, PGP-1, Phagocytic glycoprotein I, PGP-I, CD44, CD44, LHR, MDU2, MDU3, MIC4
<b>Application Note</b>	WB~~1:1000 IHC~~1:100~500 IF~~1:50~200 FC~~1:10~50
<b>Storage</b>	Store at 2 to 8°C. Antibody is stable for 24 months.
<b>Precautions</b>	CD44 / HCAM Std. Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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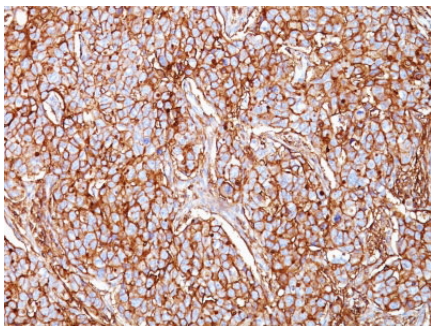
Recognizes a cell surface glycoprotein of 80-95kDa (CD44) on lymphocytes, monocytes, and granulocytes. Its epitope is resistant to digestion by trypsin and chymotrypsin. The CD44 family of glycoproteins exists in a number of variant isoforms, the most common being the standard 85-95kDa or hematopoietic variant (CD44s). Higher molecular weight isoforms are described in epithelial cells (CD44v), which are believed to function in intercellular adhesion and stromal binding. CD44 immunostaining is commonly used for the discrimination of urothelial transitional cell carcinoma in-situ from non-neoplastic changes in the urothelium.

### References

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## Images

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Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with CD44 Monoclonal Antibody (SPM521)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.