

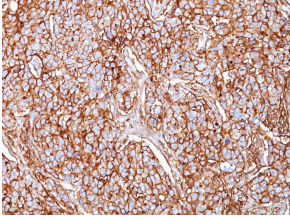
Anti-CD44 Antibody [SPM521] (A250713)

Specifications:

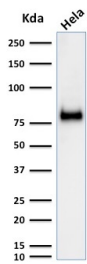
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|------------------------|---|
| Name: | Anti-CD44 Antibody [SPM521] |
| Description: | Mouse monoclonal [SPM521] antibody to CD44. |
| Specificity: | This antibody recognizes a cell surface glycoprotein of 80-95kDa (CD44) on lymphocytes, monocytes, 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. |
| Applications: | IF, Functional Studies, WB, IHC-P |
| Recommended Dilutions: | IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 0.25-0.5 µg/ml |
| Reactivity: | Human, Baboon, Green Monkey |
| Immunogen: | Stimulated human leukocytes. |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Clone ID: | SPM521 |
| Isotype: | IgG2a |
| 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-CD44 Antibody [SPM521] - BSA and Azide free (A253893). |
| Disclaimer: | This product is for research use only. It is not intended for diagnostic or therapeutic use. |

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Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human breast carcinoma using Anti-CD44 Antibody [SPM521].



Western blot analysis of HeLa cell lysate using Anti-CD44 Antibody [SPM521].