
CD44std (Clone ZM184)

Mouse Monoclonal Antibody

Specificity: Human. Others-not known

Immunogen: Recombinant human HCAM protein

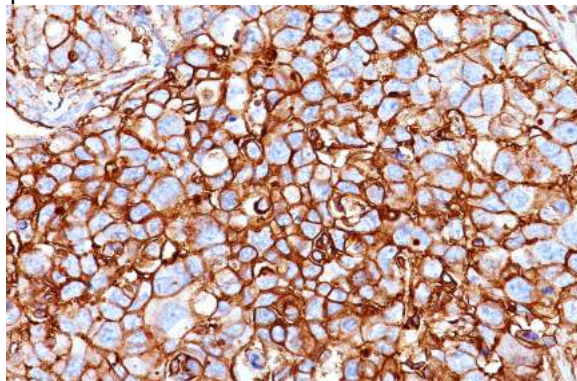
Ig Class: IgG2a/ κ

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:100-200. *Positive Control:* Breast carcinoma. *Cellular Localization:* Cell membrane. *Intended Use:* In Vitro Diagnosis (IVD).

Description: Recognizes a cell surface glycoprotein of 80-95kDa (CD44) on lymphocytes, monocytes, and granulocytes (Leucocyte Typing Workshop V). 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

Supplied As: Tissue culture supernatant in 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human breast adenocarcinoma stained with anti-CD44 using peroxidase-conjugate and AEC chromogen. Note the cell membrane staining of tumor cells

Cat. #Z2497 (1.0 ml)

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