

CD44 clone 156-3C11

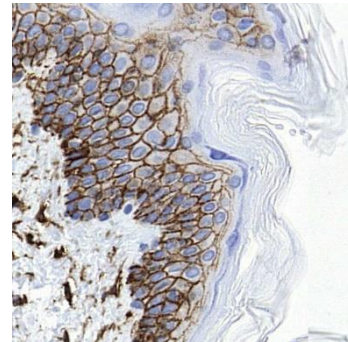
Instructions for Use

Specification:

This antibody 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. This MAb selectively interferes with lymphocyte binding to lymph node, mucosal and synovial endothelium. The CD44 family of glycoproteins exists in several 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.

Availability:

Catalog No.	Contents	Volume
ILM9600-C01	CD44	0,1 ml concentrate
ILM9600-C05	CD44	0,5 ml concentrate
ILM9600-C1	CD44	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human, Baboon, and Green Monkey, Others not known.

Clone: 156-3C11

Species of origin: Mouse

Isotype: IgG2a, kappa

Control Tissue: HeLa cells or paracortex in tonsil or lymph node.

Staining: Membranous

Immunogen: Stimulated human leukocytes

Presentation: Protein A/G purified antibody from Bioreactor Concentrate with 0.05% BSA and 0.05% Azide.

Application and suggested dilutions:

Pretreatment: Heat induced epitope retrieval in 10mM citrate buffer, pH6.0, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:50-1:100)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

- 1) Schlossman SF, et. al. Leucocyte Typing V, p1713-1719, Oxford Univ. Press, 1995.