

### 36-1943: Monoclonal Antibody to CD44 / HCAM Std.(Clone : HCAM/1097)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HCAM/1097
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD44
<b>Gene ID :</b>	960
<b>Uniprot ID :</b>	P16070
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD44,LHR,MDU2,MDU3,MIC4
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Recombinant human HCAM protein

#### Description

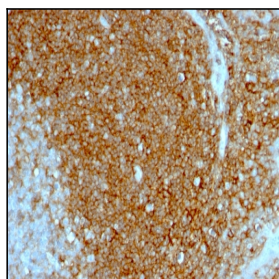
Recognizes a cell surface glycoprotein of 80-95kDa (CD44) on lymphocytes, monocytes, and granulocytes. The CD44 family of glycoproteins exists in a number of variant isoforms, the most common being the standard 85-95kDa or hematopoietic variant (CD44s). Higher molecular weight isoforms are described 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.

#### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Tonsil stained with CD44 Monoclonal Antibody (HCAM/1097)