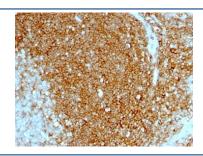


# HCAM Antibody [clone HCAM/1097] (V3013)

Catalog No.	Formulation	Size
V3013-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3013-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3013SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3013IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

# **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	HCAM/1097
Purity	Protein G affinity chromatography
UniProt	P16070
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This HCAM antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human tonsil stained with HCAM antibody (HCAM/1097)

#### **Description**

Recognizes a cell surface glycoprotein of 80-95kDa (CD44/HCAM) 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/HCAM immunostaining is commonly used for the discrimination of urothelial transitional cell carcinoma in-situ from non-neoplastic changes in the urothelium.

# **Application Notes**

Optimal dilution of the HCAM antibody should be determined by the researcher.

- 1. Staining of formalin/paraffin tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.
- 2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## **Immunogen**

Recombinant human protein was used as the immunogen for the HCAM antibody.

## **Storage**

Store the HCAM antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).