

**Mouse Anti-CD57/B3GAT1 [HNK-1]: MC0519, MC0519RTU7**

**Intended Use:** For Research Use Only

**Description:** CD57 is expressed on a natural killer (NK) cell subset, T cell subset, brain, neuroectodermal tumors, small cell lung carcinoma, prostate carcinomas, nerve sheath tissue s and their tumor counterparts. In a panel of antibody, the anti-CD57 antibody may be useful for the identification of T-cell large granular lymphocyte disorders, oligodendrogliomas, and neuroendocrine tumors. CD57 may assist in the identification of lymphocytic and histiocytic (L&H) cells of lymphocyte predominant Hodgkin's disease.

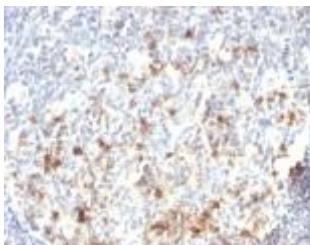
**Specifications:**

Clone: HNK-1 same as Leu-7  
Source: Mouse  
Isotype: IgM/k  
Reactivity: Human  
Localization: Membrane  
Formulation: Purified ascites in PBS pH7.4, containing BSA, glycerol, and ≤0.09% sodium azide (NaN<sub>3</sub>).  
Storage: Store at 2°- 8°C  
Applications: IHC, Flow Cyt., IP  
Package:

Description	Catalog No.	Size
CD57/B3GAT1 Concentrated	MC0519	1 ml
CD57/B3GAT1 Prediluted	MC0519RTU7	7 ml

**IHC Procedure\*:**

Positive Control Tissue: Lymph node, tonsil  
Concentrated Dilution: 25-100  
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
Incubation Time and Temp: 30-60 minutes @ RT  
Detection: Refer to the detection system manual  
\* Result should be confirmed by an established diagnostic procedure.



FFPE human tonsil stained with anti-CD57 using DAB

**References:**

1. Comparative pathology of rhesus macaque and common marmoset animal models with Middle East respiratory syndrome coronavirus. Yu P, et al. PLoS One 12:e0172093, 2017.
2. Globose, cystic olfactory ensheathing cell tumor: A case report and literature review. Liu Y, et al. Oncol Lett 12:3981-3986, 2016.
3. Gastric cancer cells inhibit natural killer cell proliferation and induce apoptosis via prostaglandin E2. Li T, et al. Oncoimmunology 5:e1069936, 2016.