

Datasheet for ABIN6939518
anti-CD57 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	CD57 (B3GAT1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD57 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF), Staining Methods (StM)

Product Details

Immunogen:	Human peripheral blood mononuclear cells
Clone:	SPM527
Isotype:	IgM kappa
No Cross-Reactivity:	Rat (Rattus)

Target Details

Target:	CD57 (B3GAT1)
Alternative Name:	B3GAT1 (B3GAT1 Products)
Background:	Anti-CD57 marks a subset of lymphocytes known as natural killer (NK) cells. Follicular center cell lymphomas often contain many NK cells within the neoplastic follicles. Anti-CD57 also stains neuroendocrine cells and their derived tumors, including carcinoid tumor and medulloblastoma. Anti-CD57 can also be useful in separating type B3 thymoma from thymic

Target Details

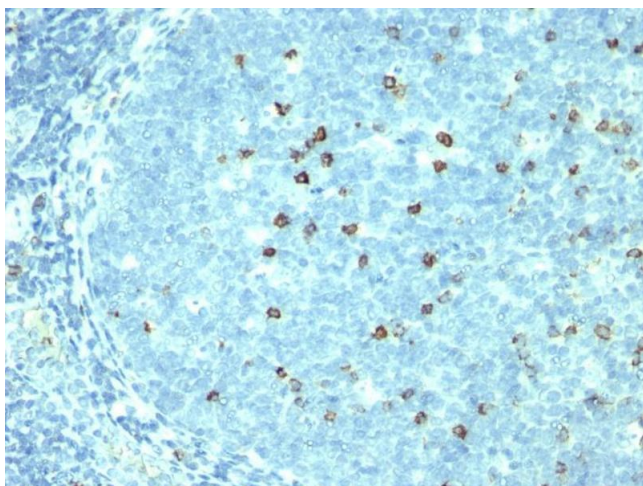
	carcinoma when combined with a panel that includes antibodies against GLUT1, CD5, and CEA.
Molecular Weight:	~110kDa
Gene ID:	27087
UniProt:	Q9P2W7
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Positive Control: Lymph node or Tonsil. Known Application: Immunofluorescence (0.5-1 µg/mL), Immunohistochemistry (Formalin-fixed) (2-4 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human Tonsil stained with CD57 Monoclonal Antibody (SPM527).