

Datasheet for ABIN7505980

anti-HLA-C antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	HLA-C
Reactivity:	Human, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-C antibody is un-conjugated
Application:	Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-HLA-C Purified
Immunogen:	Purified MHC class I molecules of tamarin origin
Clone:	DT-9
Isotype:	IgG2b
Specificity:	The mouse monoclonal antibody DT-9 recognizes an extracellular epitope on HLA-C member of MHC class I molecules. It does not crossreact with HLA-A or HLA-B allotypes.
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	HLA-C
Alternative Name:	HLA-C (HLA-C Products)

Target Details

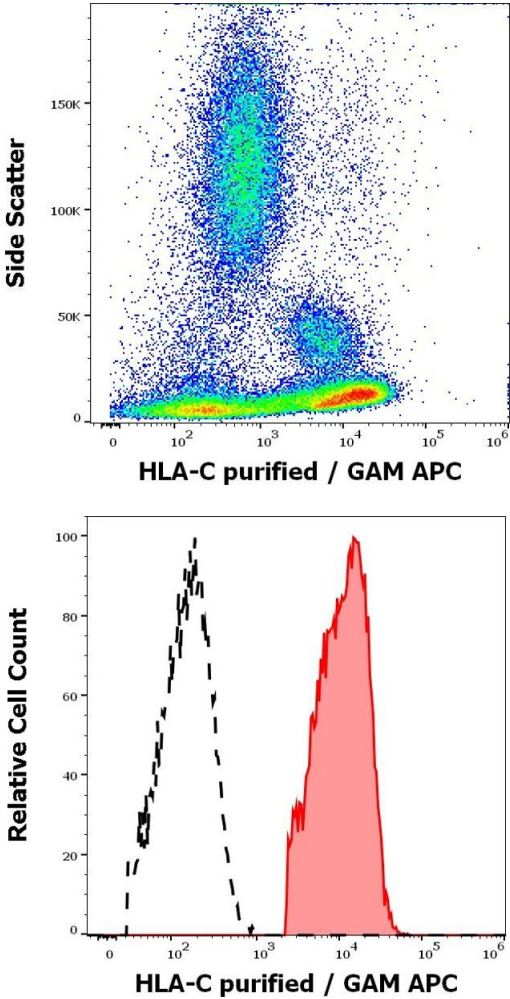
Background:	Major histocompatibility complex, class I, C,HLA-C, a member of MHC class I glycoproteins, is one of polymorphysm typing targets, which are important for transplantation. The HLA system plays an important role in the occurrence and outcome of infectious diseases. The structural spike and the nucleocapsid proteins of the novel coronavirus SARS-CoV-2, which causes coronavirus disease 2019 (COVID-19), are reported to contain multiple Class I epitopes with predicted HLA restrictions. Individual HLA genetic variation may help explain different immune responses to a virus across a population. It has been described that HLA-C interacts with human herpesvirus 8 MIR1 protein.,HLC-C, D6S204, PSORS1, HLA-JY3
Gene ID:	3107
UniProt:	P10321
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium 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
Storage Comment:	Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human HLA-C (DT-9) purified antibody (concentration in sample 1,7 μ g/mL, GAM APC).

Flow Cytometry

Image 2. Separation of lymphocytes stained anti-human HLA-C (DT-9) purified antibody (concentration in sample 1,7 μ g/mL, GAM APC, red-filled) from lymphocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).