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Datasheet for ABIN576888

anti-CD58 antibody (Cytoplasmic Domain) (APC)

1 Image

Overview

Quantity:	100 tests
Target:	CD58
Binding Specificity:	Cytoplasmic Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD58 antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Type of Immunogen: Native protein
Clone:	MEM-63
Isotype:	IgG1
Specificity:	CD58, or LFA-3, is a membrane glycoprotein of 55-70kD. It occurs in two forms, one transmembrane with a cytoplasmic domain, the other form anchored in the membrane via a glycosylphosphatidylinositol tail. The complete amino acid sequence of both forms has been deduced from cDNA. It is heavily N-glycosylated. CD58 is a cell adhesion molecule which plays a critical role in facilitation of antigen specific recognition through interaction with CD2 on T lymphocytes. It is a member of the immunoglobulin superfamily of molecules. CD58 has a wide

Product Details

tissue distribution, being present on erythrocytes, platelets, monocytes, a subset of lymphocytes, bone marrow cells, epithelium and endothelial cells. There are approximately 5000 CD58 Molecules on each erythrocyte. There is reduced expression of CD58 on hemopoietic cells in individuals with paroxysmal nocturnal hemoglobinuria.

Purification: Affinity purified

Target Details

Target: CD58

Alternative Name: CD58 ([CD58 Products](#))

Background: Name/Gene ID: CD58
Family: Immunoglobulin

Synonyms: CD58, CD58 antigen, AG3, LFA-3, LFA3, Surface glycoprotein LFA-3, Surface glycoprotein lfa3, CD58 Molecule

Gene ID: 965

Application Details

Application Notes: Approved: Flo (1:1 - 1:10)

Usage: Flow Cytometry: Use 10 μ L of the suggested working dilution to label 10^6 cells in 100 μ L. Method sheets are available on request. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled Water.

Concentration: Lot specific

Buffer: Lyophilized, 0.09 % sodium azide, 1 % BSA.

Preservative: Sodium azide

Handling

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: 4°C, avoid freezing.

Images

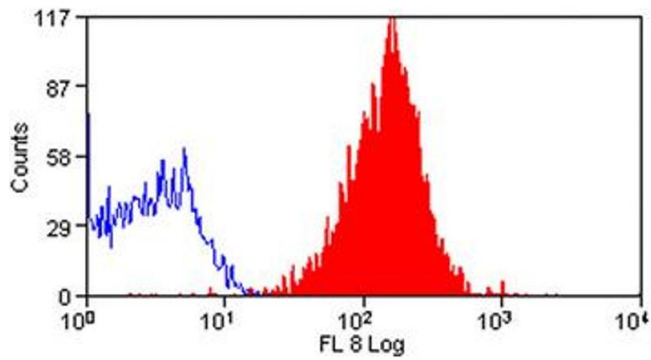


Image 1.