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# Datasheet for ABIN7077353 anti-CD58 antibody (iFluor™488)

Image



#### Overview

Quantity:	100 tests
Target:	CD58
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD58 antibody is conjugated to iFluor™488
Application:	Flow Cytometry (FACS)

### Product Details

Immunogen:	Human cytolytic T cells
Clone:	TS2-9
Isotype:	lgG1 kappa
Characteristics:	The clone TS2/9 recognizes a 45-70 kD cell surface protein, currently known as CD58. It is a member of the immunoglobulin superfamily previously known as lymphocyte function-
	associated antigen 3 (LFA-3). Both hematopoietic and non-hematopoietic cells including B and
	T cells, monocytes, erythrocytes, endothelial cells, epithelial cells, and fibroblasts express CD58.
	CD58 has two isoforms and is highly expressed on antigen specific memory T cells and as well
	as dendritic cells. The CD58 mediates cellular adhesion and participates in signal transduction
	when it binds to its ligand, the CD2 antigen. Cellular interactions regulated by the CD58/CD2
	antigens are involved in the antigen-independent adhesion pathway and cytotoxic T lymphocyte
	(CTL) activity.

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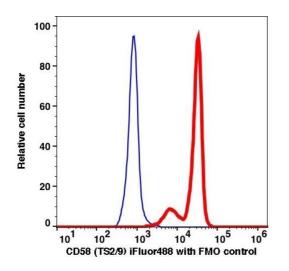
Product Details		
Purification:	Purified	
Purity:	>95 %	
Grade:	GMP Grade	

## Target Details

Target:	CD58
Alternative Name:	CD58 (CD58 Products)
Background:	<ul> <li>The clone TS2/9 recognizes a 45-70 kD cell surface protein, currently known as CD58. It is a member of the immunoglobulin superfamily previously known as lymphocyte function-associated antigen 3 (LFA-3). Both hematopoietic and non-hematopoietic cells including B and T cells, monocytes, erythrocytes, endothelial cells, epithelial cells, and fibroblasts express CD58. CD58 has two isoforms and is highly expressed on antigen specific memory T cells and as well as dendritic cells. The CD58 mediates cellular adhesion and participates in signal transduction when it binds to its ligand, the CD2 antigen. Cellular interactions regulated by the CD58/CD2</li> </ul>
	antigens are involved in the antigen-independent adhesion pathway and cytotoxic T lymphocyte
	(CTL) activity.
Gene ID:	965
UniProt:	P19256
Application Details	
Restrictions:	For Research Use only
Handling	

Format:	Liquid
Buffer:	PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) 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

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Flow Cytometry

Image 1.

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