

Datasheet for ABIN3071870
anti-Transferrin Receptor antibody (Biotin)



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2 Images

Overview

Quantity:	100 µg
Target:	Transferrin Receptor (TFRC)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Transferrin Receptor antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD71 Biotin Antibody
Immunogen:	Human acute lymphoblastic leukaemia cells
Clone:	OKT9
Isotype:	IgG1, kappa
Characteristics:	The antibody is directed against the transferrin receptor (CD71), the 95 kDa, type II membrane glycoprotein. CD71 is expressed on activated, but not resting lymphocytes, monocytes, macrophages, most dividing cells and on brain endothelium, and is upregulated during response to antigens and/or mitogens. The transferrin receptor binds Fe(Apo)-transferrin and via endocytosis and delivers iron required by the growing cell for cellular metabolism.
Purification:	Purified
Purity:	>95 %

Product Details

Grade: GMP Grade

Target Details

Target: Transferrin Receptor (TFRC)

Alternative Name: CD71 ([TFRC Products](#))

Gene ID: 7073

NCBI Accession: [XM_011513112](#), [NM_003234](#), [NM_001128148](#)

UniProt: [P02786](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

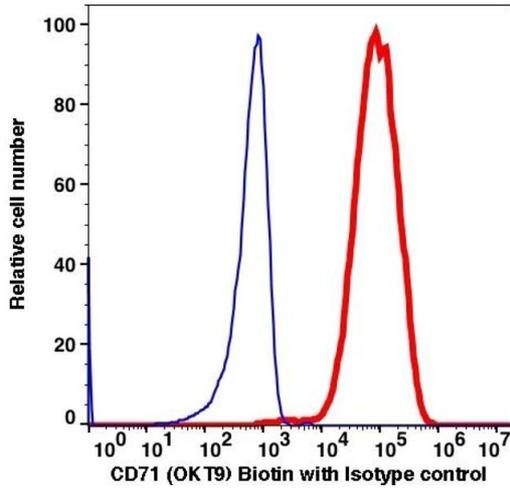
Buffer: PBS pH 7.2, 0.09 % sodium azide

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: 2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1.

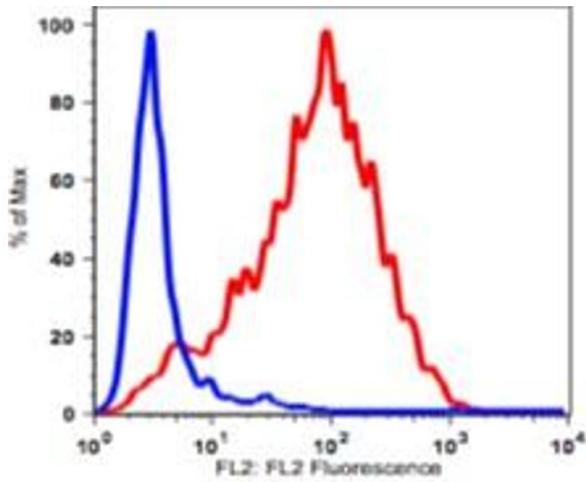


Image 2.