

For Research Use Only

# Anti-Mouse CD71 (RI7217)

Catalog Number: 65289-1-Ig **1 Publications**



## Basic Information

Catalog Number:	65289-1-Ig	GenBank Accession Number:	BC054522	Purification Method:	Affinity purification
Size:	100ug, 0.5 mg/ml	GeneID (NCBI):	22042	CloneNo.:	RI7217
Source:	Rat	Full Name:	transferrin receptor		
Isotype:	IgG2a, kappa				

## Applications

Tested Applications:  
FC

Cited Applications:  
FC

Species Specificity:  
mouse

Cited Species:  
mouse

## Background Information

CD71, also known as transferrin receptor protein 1 (TfR1), is a transmembrane glycoprotein composed of two disulfide-linked monomers, each of 90 kDa molecular weight. Each monomer binds one holo-transferrin molecule, creating an iron-Tf-TfR complex that enters the cell by endocytosis. CD71 is present on actively proliferating cells and is essential for iron transport into proliferating cells.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ling-Yan Su	38309277	Cell Chem Biol	FC

## Storage

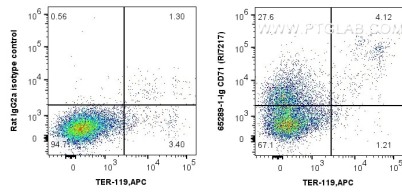
Storage:  
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:  
PBS with 0.09% sodium azide, pH7.3

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## Selected Validation Data



1X10<sup>6</sup> C57BL/6 mouse bone marrow cells were surface co-stained with APC Anti-Mouse TER-119 (TER-119) and 0.5 ug Anti-Mouse CD71 (65289-1-Ig, Clone: R7217) or 0.5 ug Rat IgG2a Isotype Control (2A3), and FITC anti-Rat IgG2a Antibody at dilution 1:100. Cells were not fixed.