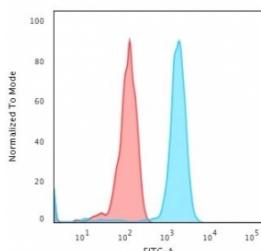


## CD71 Antibody / Transferrin Receptor [clone TFRC/1396] (V3294)

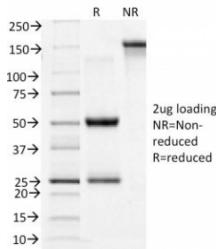
Catalog No.	Formulation	Size
V3294-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3294-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3294SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	TFRC/1396
Purity	Protein G affinity chromatography
UniProt	P02786
Localization	Cell surface
Applications	Flow Cytometry : 1-2ug/10 <sup>6</sup> cells Immunofluorescence : 1-3ug/ml Immunohistochemistry : 1-2ug/ml
Limitations	This CD71 antibody is available for research use only.



Flow cytometry staining of human Jurkat cells with CD71 antibody; Red=isotype control, Blue= CD71 antibody.



SDS-PAGE Analysis of Purified, BSA-Free CD71 Antibody (clone TFRC/1396).  
Confirmation of Integrity and Purity of the Antibody.

## Description

It recognizes a ~90-95kDa protein which is identified as cell surface transferrin receptor (CD71), a disulfide-bonded homodimeric glycoprotein of 180-190kDa. This MAb is highly specific to CD71 and shows no cross-reaction with other related proteins. Ligand for transferrin receptor is the serum iron transport protein, transferrin. This receptor is broadly distributed in carcinomas, sarcomas, leukemias, and lymphomas. CD71/Transferrin receptor has been reported to be associated with cell proliferation in both normal and neoplastic tissues and useful in predicting clinical behavior or response to therapy in a number of malignancies including breast cancer.

## Application Notes

Optimal dilution of the CD71 antibody should be determined by the researcher.

HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

## Immunogen

Recombinant human protein was used as the immunogen for the CD71 antibody.

## Storage

Store the CD71 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).