

## CD71 Antibody / Transferrin Receptor [clone TFRC/1149] (V2882)

Catalog No.	Formulation	Size
V2882-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2882-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2882SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	TFRC/1149
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P02786
<b>Localization</b>	Cell surface
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This CD71 antibody is available for research use only.



### Description

It recognizes a ~85-95kDa 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.

## **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).