

## CD71 Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0315
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of human CD71 expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IHC-p, IF, ICC, FCM, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Transferrin receptor protein 1
<b>Synonyms</b>	TFRC; Transferrin receptor protein 1; TR; TfR; TfR1; Trfr; T9; p90; CD antigen CD71

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified.

### Recommended Dilution

FC: 1:200 - 1:400

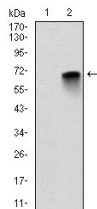
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

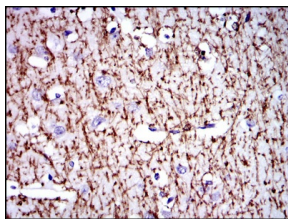
WB: 1:500 - 1:2000

Not yet tested in other applications.

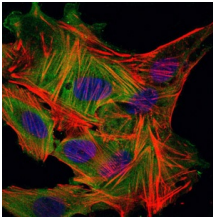
### Images



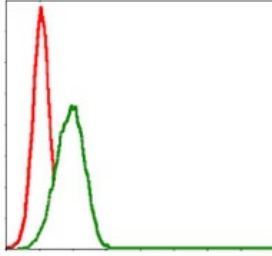
Western Blot analysis using CD71 Monoclonal antibody against HEK293 (1) and MBP-hlgGfC transfected HEK293 (2) cell lysate.



Immunohistochemistry analysis of paraffin-embedded brain tissues with DAB staining using CD71 Monoclonal antibody.



Immunofluorescence analysis of MSCS cells using CD71 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HepG2 cells using CD71 Monoclonal antibody (green) and negative control (red).

### Storage

-20°C for one year

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