

CD71 antibody [8D3] (Low endotoxin, azide free)

Cat. No. GTX41852

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	IHC-Fr, FCM, Functional Assay
Reactivity	Mouse

Package
500 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
IHC-Fr	Assay dependent
FCM	1/100-1/200
Functional Assay	Assay dependent

Note : Use 10µl of the suggested working dilution to label 10⁶ cells in 100µl.

Binding of the 8D3 antibody to CD71 does not inhibit the proliferation of cell lines tested, and does not interfere with the uptake of iron into cells. Rat anti Mouse CD71 antibody, clone 8D3 has been used as a BBB transporter vector in mice and is suitable for studying CD71 expression, and iron uptake into different tissues, in the mouse (Kissel et al. 1988).

Not tested in other applications.

Product Note This antibody recognizes native, soluble and denatured forms of murine CD71.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.0 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Mouse transformed endothelioma cell line.
Purification	Protein G purified From tissue culture supernatant
Endotoxin	< 0.01 EU/µg (determined by the LAL assay)



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Conjugation

Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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