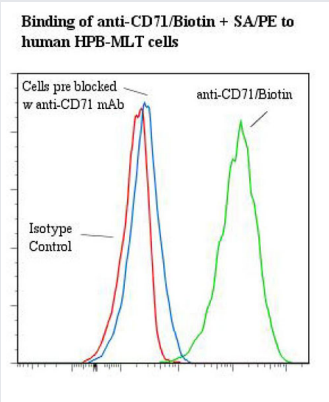
CD71 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD71, Monoclonal Antibody
Full Product Name	anti-human CD71-Biotin
Product Gene Name	anti-CD71 antibody
Product Synonym Names	Monoclonal anti-human CD71 (Transferrin receptor)/Biotin
Clonality	Monoclonal
Isotype	IgG1
Clone Number	DF1513
Host	Mouse
Species Reactivity	Human
Form/Format	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA.
Concentration	1.0 mg/ml (lot specific)
Preparation and Storage	Store at 2 - 5 degree C. Freeze/Thawing is not recommended. Product should retain activity for at least 12 months after shipping date when stored as recommended.
Performance	Five x 105 cultured HPB-MLT cells were washed and incubated 45 minutes on ice with 80 mul of anti-CD71/Biotin at 5 mug/ml. Cells were washed twice and incubated with Streptavidin/R-Phycoerythrin, after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 1.9 log10 fluorescent units when compared to a Mouse IgG1/Biotin negative control at a similar concentration. Binding was blocked when cells were pre incubated with 20mul of 0.5mg/ml unlabeled anti-CD71 mAb.
Conjugation	Biotin
Production	Antibody from (low FBS containing) tissue culture supernatant was Protein A purified to >95% mouse immunoglobulin by SDS-PAGE (<1% bovine immunoglobulin), and reacted with NHS-Biotin. Unconjugated Biotin was removed from conjugate using a desalting column.
Buffer	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN3 (as a preservative).
Immunogen	Human PBL
Applications Tested/Suitable for anti-CD71 antibody	Flow Cytometry (FC/FACS), Immunocytochemistry (ICC), (Not WB)
Related Product Information for anti-CD71 antibody	**Information:** Human CD71 is a type II transmembrane glycoprotein found on activated leukocytes. CD71 binds transferrin and mediates uptake of iron through endocytosis and recycling. Antibody DF1513 recognizes the CD71 molecule of about 95 kd.
Product References and Citations for anti-CD71 antibody	1)Leukocyte Typing IV (W. Knapp, et al, eds.) Oxford University Press, Oxford, (1989) p. 455-460. 2)Leukocyte Typing VI (T. Kishimoto, et al, eds.) Garland Publishing, Inc., New York (1997) p. 524-527.
Other Notes	Small volumes of anti-CD71 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD71 purchase	MBS666616 is an antibody targeting CD71. Also known as anti-human CD71-Biotin. Reactive in Human. Host: Mouse.



Testing Data of anti-CD71 antibody

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/cd71/666616