Product Information Sheet

Polyclonal Anti-CD71

Catalogue No. PA1023

Lot No. 09F01

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human.

No cross reactivity with other proteins.

Recommended application

Western blot



Immunogen

A synthetic peptide corresponding to a sequence at the N-terminal of human CD71, identical to the related rat and mouse sequence.

Purity

Immunogen affinity purified.

Application

	Concen-tration	Tested Species	Concluded Species	Antigen Retrieval
WB	2µg/ml	Hu	-	-
IHC-P	-	-	-	-
IHC-F	-	-	-	-
ICC	-	-	-	-

Other applications have not been tested.

Optimal dilutions should be determined by end user.

To reorder contact us at:

Antagene, Inc.

Toll Free: 1(866)964-2589

email: Info@antageneinc.com

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Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na_2HPO_4, 0.05mg Thimerosal, 0.05mg NaN_3.

Reconstitution

0.2ml of distilled water will yield a concentration of 500μg/ml.

Storage

At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for longer time.

BACKGROUND

CD71 is also known as transferrin receptor(TFRC). Nikinmaa and Schroder (1987) concluded that p90 and TFRC are the same protein: studies using monoclonal antibodies indicated that exhaustive precipitation of radioactively labeled lysates with one antibody removed all activity of lysates with the other. Peptide maps of antigens recognized with both antibodies showed great similarity and indicated that both antibodies react with the same antigen, the human transferrin receptor, but with different antigenic sites of the molecule.TFR is assigned to chromosome 3.

REFERENCE

1. Enns, C. A.; Suomalainen, H. A.; Gebhardt, J. E.; Schroder, J.; Sussman, H. H. :Human transferrin receptor: expression of the receptor is assigned to chromosome 3. Proc. Nat. Acad. Sci. 79: 3241-3245, 1982.

2. Expression of human transferrin receptor is controlled by a gene on chromosome 3: assignment using species specificity of a monoclonal antibody. *Somat. Cell Genet.* 8: 197-206, 1982. 3. Webb, G.; Parsons, P.; Chenevix-Trench, G. : Localization of the gene for human proliferating nuclear antigen/cyclin by in situ hybridization. Hum. Genet. 86: 84-86, 1990.

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