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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NFYC monoclonal antibody (M01), clone 1D3

Catalog # : H00004802-M01

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant NFYC.

Immunogen: NFYC (AAH05003, 14 a.a. ~ 113 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

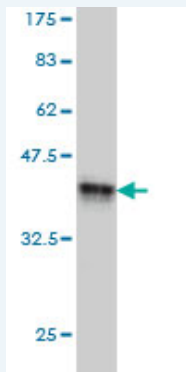
Sequence: DAQQSLQSFWPRVMEEIRNLTVKDFRVQELPLARIKKIMKLEDEDVKMISA EAPVLF AKAQIFITELTLRAWIHTEDNKRRTLQRNDIAMAITKFDQDFD

Host: Mouse

Reactivity: Human

Isotype: IgG3 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.63 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

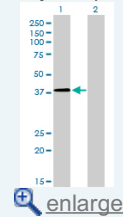
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

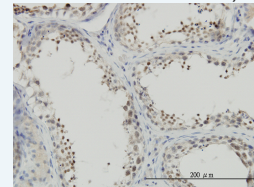
Application Image

Western Blot (Transfected lysate)

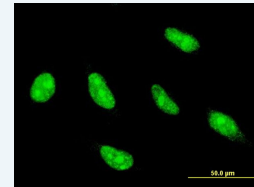


Western Blot (Recombinant protein)

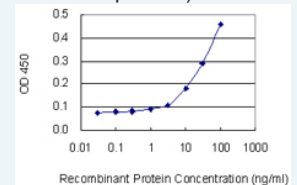
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Immunofluorescence

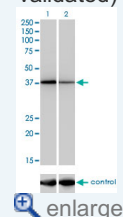


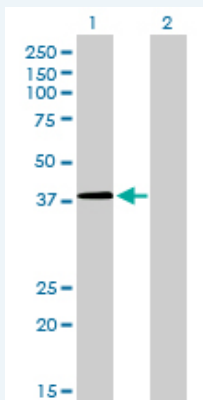
Sandwich ELISA (Recombinant protein)



ELISA

RNAi Knockdown (Antibody validated)





Western Blot analysis of NFYC expression in transfected 293T cell line by NFYC monoclonal antibody (M01), clone 1D3.

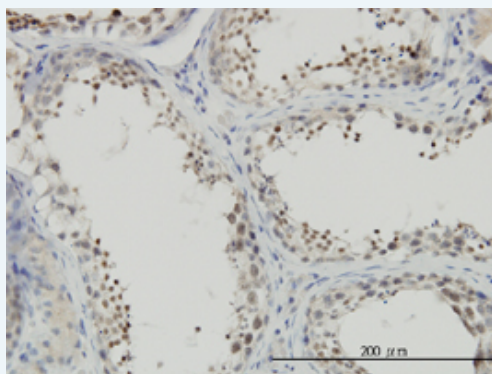
Lane 1: NFYC transfected lysate(37.2 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

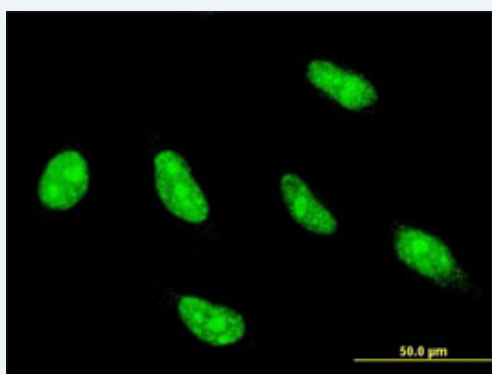


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to NFYC on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Immunofluorescence

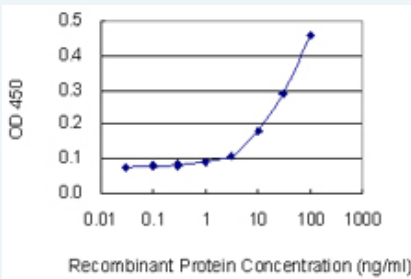


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to NFYC on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

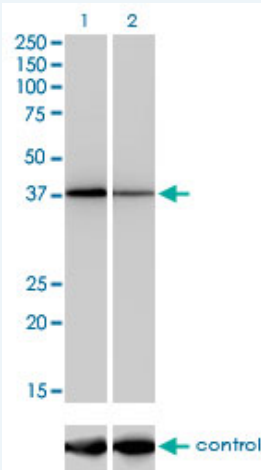


Detection limit for recombinant GST tagged NFYC is 3 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

RNAi Knockdown (Antibody validated)



Western blot analysis of NFYC over-expressed 293 cell line, cotransfected with NFYC Validated Chimera RNAi (Cat # H00004802-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with NFYC monoclonal antibody (M01), clone 1D3 (Cat # H00004802-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Information

Entrez GeneID: [4802](#)

GeneBank [BC005003](#)

Accession#:

Protein [AAH05003](#)

Accession#:

Gene Name: NFYC

Gene Alias: CBF-C,CBFC,DKFZp667G242,FLJ45775,H1TF2A,HAP5,HSM,NF-YC

Gene Description: nuclear transcription factor Y, gamma

Omim ID: [605344](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes one subunit of a trimeric complex forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoters of a variety of genes. The encoded protein, subunit C, forms a tight dimer with the B subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. Subunits B and C each contain a histone-like motif. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other CCAAT binding factor subunit C,CCAAT transcription binding factor
Designations: subunit
gamma,OTTHUMP00000009207,OTTHUMP00000009208,OTTHUMP00
000009211,OTTHUMP00000009212,histone H1 transcription factor
large subunit 2A,transactivator HSM-1,transcription factor NF-Y, C

Gene Pathway

[Antigen processing and presentation](#)

Related Disease

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