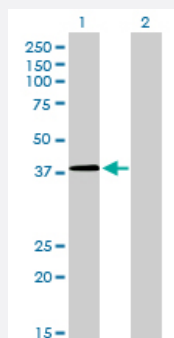


NFYC monoclonal antibody (M01), clone 1D3

Catalog # H00004802-M01

Size 50 ug

Applications

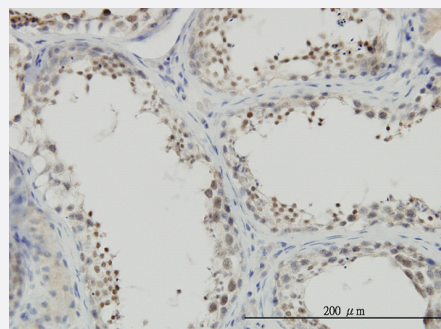


Western Blot (Transfected lysate)

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

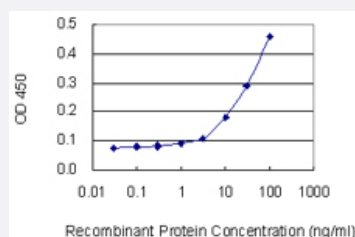
Lane 1: NFYC transfected lysate(37.2 KDa).

Lane 2: Non-transfected lysate.



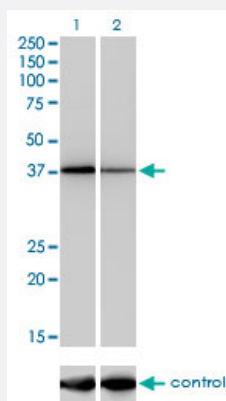
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



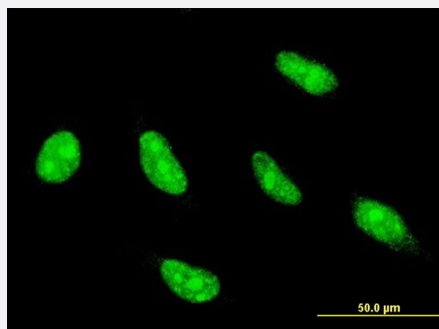
Sandwich ELISA (Recombinant protein)

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



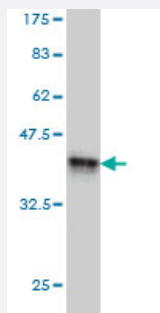
RNAi Knockdown (Antibody validated)

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.



Immunofluorescence

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



Western Blot detection against Immunogen (36.63 KDa) .

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	DAQQSLQSFWPRVMEEIRNLTVKDFRVQELPLARIKKIMKLDEDVKMISAEAPVLFKAAQIFITEL TLRAWIHTEDNKRRTLQRNDIAMAITKFDQFDF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)

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.

Applications

- Western Blot (Transfected lysate)

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)

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

[Protocol Download](#)

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[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](#)

- Immunofluorescence

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

Gene Info — NFYC

Entrez GeneID [4802](#)

GeneBank Accession# [BC005003](#)

Protein Accession# [AAH05003](#)

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 Designations CCAAT binding factor subunit C|CCAAT transcription binding factor subunit gamma|OTTHUMP0000009207|OTTHUMP0000009208|OTTHUMP0000009211|OTTHUMP0000009212|histone H1 transcription factor large subunit 2A|transactivator HSM-1|transcription factor NF-Y, C

Pathway

- [Antigen processing and presentation](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)