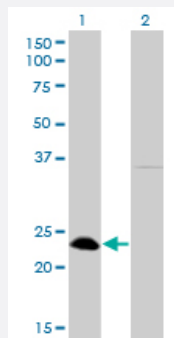


NFYB monoclonal antibody (M01), clone 6H6

Catalog # H00004801-M01

Size 100 ug

Applications

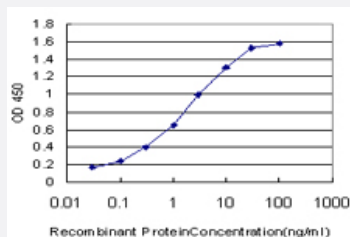


Western Blot (Transfected lysate)

Western Blot analysis of NFYB expression in transfected 293T cell line by NFYB monoclonal antibody (M01), clone 6H6.

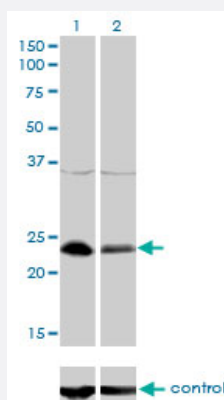
Lane 1: NFYB transfected lysate (22.8 kDa).

Lane 2: Non-transfected lysate.



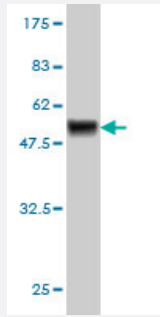
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NFYB is approximately 0.1 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of NFYB over-expressed 293 cell line, cotransfected with NFYB Validated Chimera RNAi (Cat # H00004801-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with NFYB monoclonal antibody (M01), clone 6H6 (Cat # H00004801-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (48.51 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant NFYB.
Immunogen	NFYB (AAH05317, 1 a.a. ~ 207 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTMDGDSSTTDASQLGISADYIGGSHYVIQPHDDTEDSMNDHEDTNGSKESFREQDIYLPANVARI MKNAIPQTGKIAKDAKECVQECVSEFISFITSEASERCHQEKRKTINGEDILFAMSTLGFDSEYVEPL KLYLQKFREAMKGEKGGGAVTATDGLSEELTEEAFTNQLPAGLITTDGQQQNVVMYTTSYQQISG VQQIQFS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (48.51 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 NFYB expression in transfected 293T cell line by NFYB monoclonal antibody (M01), clone 6H6.

Lane 1: NFYB transfected lysate(22.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NFYB is approximately 0.1ng/ml as a capture antibody.

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- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of NFYB over-expressed 293 cell line, cotransfected with NFYB Validated Chimera RNAi (Cat # H00004801-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with NFYB monoclonal antibody (M01), clone 6H6 (Cat # H00004801-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — NFYB

Entrez GeneID [4801](#)

GeneBank Accession# [BC005317](#)

Protein Accession# [AAH05317](#)

Gene Name NFYB

Gene Alias CBF-A, CBF-B, HAP3, NF-YB

Gene Description nuclear transcription factor Y, beta

Omim ID [189904](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoter regions in a variety of genes. This gene product, subunit B, forms a tight dimer with the C 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. Observation of the histone nature of these subunits is supported by two types of evidence; protein sequence alignments and experiments with mutants. [provided by RefSeq]

Other Designations

CCAAT-binding transcription factor subunit A|Transcription factor NF-Y, B subunit

Pathway

- [Antigen processing and presentation](#)