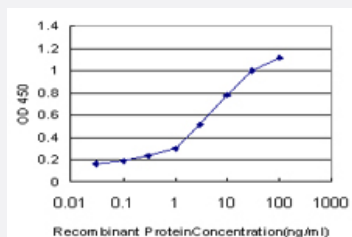


# NFYB monoclonal antibody (M06), clone 1G10

Catalog # H00004801-M06

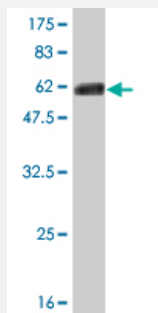
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NFYB is approximately 0.3ng/ml as a capture antibody.



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

MTMDGDSSTTDASQLGISADYIGGSHYVIQPHDDTDSMNDHEDTNGSKESFREQDMLPIANVARI  
MKNAIPQTGKIAKDAKECVQECVSEFISFITSEASERCHQEKRKTINGEDILFAMSTLGFD SYVEPL  
KLYLQKFREAMKGEGIGGAVTATDGLSEELTEEAFTNQLPAGLITTDGQQQNVMVYTTSYQQISG  
VQQIQFS

### Host

Mouse

### Reactivity

Human

Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2b 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NFYB is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — NFYB

Entrez GeneID	<a href="#">4801</a>
GeneBank Accession#	<a href="#">BC005317</a>
Protein Accession#	<a href="#">AAH05317</a>
Gene Name	NFYB
Gene Alias	CBF-A, CBF-B, HAP3, NF-YB
Gene Description	nuclear transcription factor Y, beta
Omim ID	<a href="#">189904</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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](#)