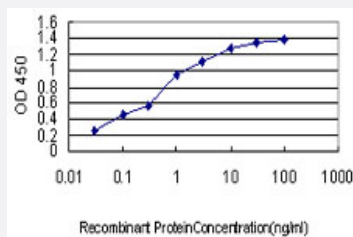


NFYB monoclonal antibody (M03), clone 5D1

Catalog # H00004801-M03

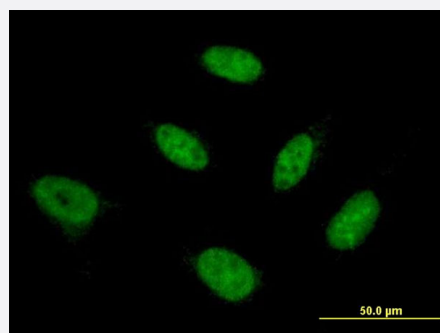
Size 100 ug

Applications



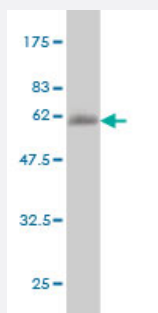
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NFYB is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

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



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 MKNAIPQTGKIAKDAKECVQECVSEFISFITSEASERCHQEKRKTINGEDILFAMSTLGFDSEYVEPL KLYLQKFREAMKGEKGIGGAVTATDGLSEELTEEAFTNQLPAGLITTDGQQQNVMVYTTSYQQISG 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NFYB is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

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](#)