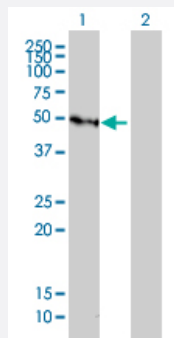


GFI1 monoclonal antibody (M01), clone 3G8

Catalog # H00002672-M01

Size 100 ug

Applications

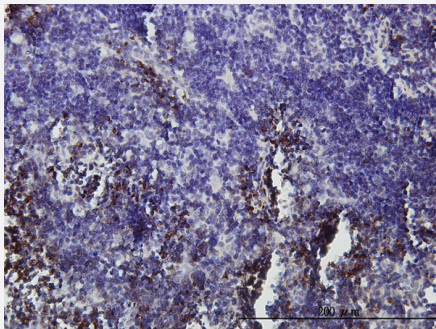


Western Blot (Transfected lysate)

Western Blot analysis of GFI1 expression in transfected 293T cell line by GFI1 monoclonal antibody (M01), clone 3G8.

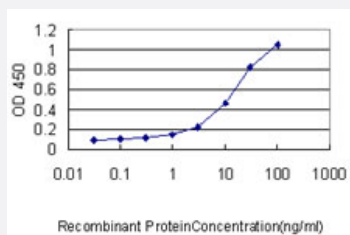
Lane 1: GFI1 transfected lysate (45 KDa).

Lane 2: Non-transfected lysate.



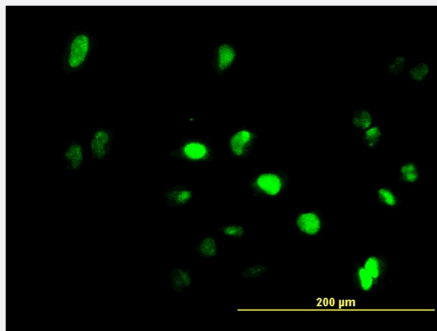
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GFI1 on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]



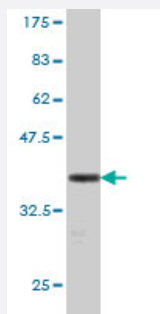
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GFI1 is approximately 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to GF11 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (35.75 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GF11.
Immunogen	GF11 (NP_005254, 1 a.a. ~ 91 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPRSFLVKSKKAHSYHQPRSPGPDYSLRLENVPAPSRADSTSNAGGAKAEPRDRLSPESQLTE APDRASASPRQLRSSVCERSSEFEDFWR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (78)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.75 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 GFI1 expression in transfected 293T cell line by GFI1 monoclonal antibody (M01), clone 3G8.

Lane 1: GFI1 transfected lysate(45 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 GFI1 on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GFI1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to GFI1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — GFI1

Entrez GeneID	2672
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GeneBank Accession#	NM_005263
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Protein Accession#	NP_005254
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Gene Name	GFI1
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Gene Alias	FLJ94509, GFI-1, ZNF163
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Gene Description	growth factor independent 1 transcription repressor
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Omim ID [202700 600871 607847](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a nuclear zinc finger protein that functions as a transcriptional repressor. This protein plays a role in diverse developmental contexts, including hematopoiesis and oncogenesis . It functions as part of a complex along with other cofactors to control histone modifications that lead to silencing of the target gene promoters. Mutations in this gene cause autosomal dominant severe congenital neutropenia, and also dominant nonimmune chronic idiopathic neutropenia of adults, which are heterogeneous hematopoietic disorders that cause predispositions to leukemias and infections. Multiple alternatively spliced variants, encoding the same protein, have been identified for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000012582|OTTHUMP00000012583|growth factor independence-1|growth factor independent 1|zinc finger protein 163|zinc finger protein Gfi-1

Disease

- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Multiple Sclerosis](#)
- [Translocation](#)