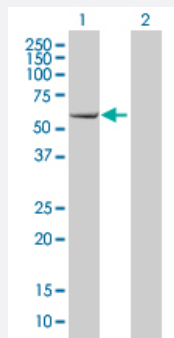


EBF1 monoclonal antibody (M02), clone 1G8

Catalog # H00001879-M02

Size 100 ug

Applications

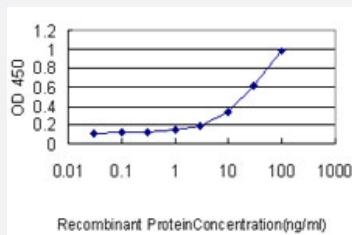


Western Blot (Transfected lysate)

Western Blot analysis of EBF1 expression in transfected 293T cell line by EBF1 monoclonal antibody (M02), clone 1G8.

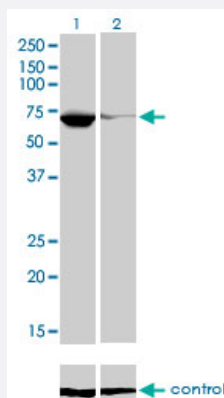
Lane 1: EBF1 transfected lysate (64 kDa).

Lane 2: Non-transfected lysate.



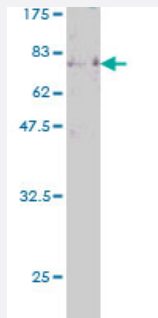
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EBF1 is approximately 0.1 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of EBF1 over-expressed 293 cell line, cotransfected with EBF1 Validated Chimera RNAi (Cat # H00001879-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with EBF1 monoclonal antibody (M02), clone 1G8 (Cat # H00001879-M02). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (90.75 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant EBF1.
Immunogen	EBF1 (AAH38805, 1 a.a. ~ 591 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MFGIQESIQRSGSSMKEEPLGSGMNAVRTWMQGAGVLDANTAAQSGVGLARAHFEKQPPSNLR KSNFFHFVLALYDRQQPVEIERTAFVGFEKEKEANSEKTNNGIHYRLQLLYSNGIRTEQDFYVRL IDSMTKQAIYEGQDKNPEMCRVLLTHEIMCSRCCDKKSCGNRNETSPDPVIIDRFFSKFFLKCNQ NCLKNAGNPRDMRRFQVVVSTTVNVDGHVLAVSDNMFVHNNSKHGRRARRLDPSEGTPSYLH ATPCIKAISPSEGWTTGGATVIIIGDNFFDGLQVIFGTMVWSELITPHAIRVQTTPRHIPGVVEVTL SYKSKQFCKGTPGRFIYTALNEPTIDYGFQRLQKVIRHPGDPERLPKEVILKRAADLVEALYGM PHNNQEIIKRAADIAEALYSVPRNHNQLPALANTSVHAGMMGVNSFSGQLAVNVSEASQATNQG FTRNSSSVSPHGYVPSTTPQQTNYSVTSMNGYGSAAMSNLGGSPFTLNGSAANSPYAMPSSPT MASSSTSLPSNCSGIFSFSPANMVS AVKQKSAFAPVVRPQTSPPTCTSTNGNSLQAISGMVPP M
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (90.75 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 EBF1 expression in transfected 293T cell line by EBF1 monoclonal antibody (M02), clone 1G8.

Lane 1: EBF1 transfected lysate(64 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EBF1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of EBF1 over-expressed 293 cell line, cotransfected with EBF1 Validated Chimera RNAi (Cat # H00001879-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with EBF1 monoclonal antibody (M02), clone 1G8 (Cat # H00001879-M02). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — EBF1

Entrez GeneID	1879
GeneBank Accession#	BC038805
Protein Accession#	AAH38805
Gene Name	EBF1
Gene Alias	COE1, EBF, FLJ39389, FLJ41763, O/E-1, OLF1
Gene Description	early B-cell factor 1
Omim ID	164343
Gene Ontology	Hyperlink
Gene Summary	Olf and EBF transcription factor 1 early B-cell factor olfactory neuronal transcription factor 1

Other Designations

Collier, Olf and EBF transcription factor 1|early B-cell factor|olfactory neuronal transcription factor 1

Publication Reference

- [Amelioration of experimental autoimmune encephalomyelitis by in vivo reprogramming of macrophages using pro-resolving factors.](#)

Thierry Gauthier, Omayra Martin-Rodriguez, Cécile Chagué, Anna Daoui, Adam Ceroi, Alexis Varin, Francis Bonnefoy, Séverine Valmary-Degano, Mélanie Couturier, Susanne Behlke, Philippe Saas, Pierre-François Cartron, Sylvain Perruche.

Journal of Neuroinflammation 2023 Dec; 20(1):307.

Application: ELISA, Mouse, Spleen CD11b+ cells

- [The Blk pathway functions as a tumor suppressor in chronic myeloid leukemia stem cells.](#)

Zhang H, Peng C, Hu Y, Li H, Sheng Z, Chen Y, Sullivan C, Cerny J, Hutchinson L, Higgins A, Miron P, Zhang X, Brehm MA, Li D, Green MR, Li S.

Nature Genetics 2012 Jul; 44(8):861.

Application: ChIP, Mouse, BaF3 cells

Disease

- [Multiple Sclerosis](#)
- [Tobacco Use Disorder](#)