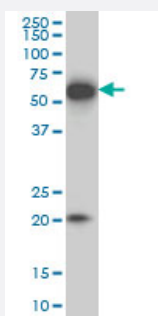


EBF3 monoclonal antibody (M05), clone 8D6

Catalog # H00253738-M05

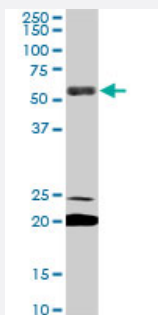
Size 100 ug

Applications



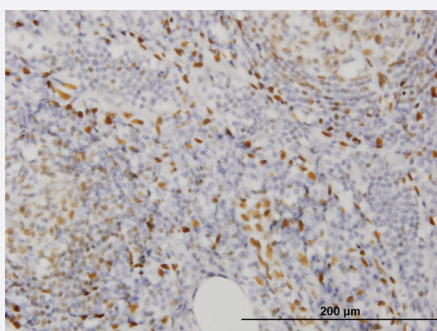
Western Blot (Cell lysate)

EBF3 monoclonal antibody (M05), clone 8D6 Western Blot analysis of EBF3 expression in IMR-32 (Cat # L008V1).



Western Blot (Cell lysate)

EBF3 monoclonal antibody (M05), clone 8D6. Western Blot analysis of EBF3 expression in NIH/3T3 (Cat # L018V1).

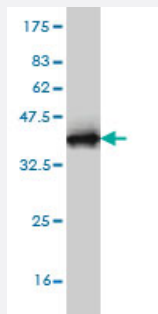
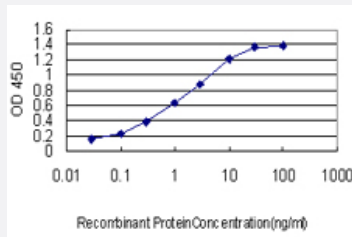


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to EBF3 on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 0.3 ug/ml]

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EBF3 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EBF3.
Immunogen	EBF3 (NP_001005463, 381 a.a. ~ 480 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LYGMPHNNQEILKRAADIAEALYSVPRNHNQIPTLGNNPAHTGMMGVNSFSSQLAVNVSETSQAN DQVGYSRNTSSVSPRGVVPSTPQQSNYNTVSTS
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Cell lysate)

EBF3 monoclonal antibody (M05), clone 8D6 Western Blot analysis of EBF3 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

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- Western Blot (Recombinant protein)

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Detection limit for recombinant GST tagged EBF3 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — EBF3

Entrez GeneID	253738
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GeneBank Accession#	NM_001005463
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Protein Accession#	NP_001005463
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Gene Name	EBF3
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Gene Alias	COE3, O/E-2
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Gene Description	early B-cell factor 3
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Omim ID	607407
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Gene Ontology	Hyperlink
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Publication Reference

- [A high-risk retinoblastoma subtype with stemness features, dedifferentiated cone states and neuronal/ganglion cell gene expression.](#)

Jing Liu, Daniela Ottaviani, Meriem Sefta, Céline Desbrousses, Elodie Chapeaublanc, Rosario Aschero, Nanor Sirab, Fabiana Lubieniecki, Gabriela Lamas, Laurie Tonon, Catherine Dehainault, Clément Hua, Paul Fréneaux, Sacha Reichman, Narjesse Karboul, Anne Biton, Liliana Mirabal-Ortega, Magalie Larcher, Céline Brulard, Sandrine Arrufat, André Nicolas, Nabila Elarouci, Tatiana Popova, Fariba Némati, Didier Decaudin, David Gentien, Sylvain Baulande, Odette Mariani, Florent Dufour, Sylvain Guibert, Cé

Nature Communications 2021 Sep; 12(1):5578.

Application: IHC-P, Human, Human normal retina, Human retinoblastomas

- [Single-cell RNA sequencing reveals midbrain dopamine neuron diversity emerging during mouse brain development.](#)

Tiklová K, Björklund ÅK, Lahti L, Fiorenzano A, Nolbrant S, Gillberg L, Volakakis N, Yokota C, Hilscher MM, Hauling T, Holmström F, Joodmardi E, Nilsson M, Parmar M, Perlmann T.

Nature Communications 2019 Feb; 10(1):581.

Application: IHC-Fr, Human, Human embryos

- [The Transcription Factors EBF1 and EBF2 Are Positive Regulators of Myelination in Schwann Cells.](#)

Moruzzo D, Nobbio L, Sterlini B, Consalez GG, Benfenati F, Schenone A, Corradi A.

Molecular Neurobiology 2017 Dec; 54(10):8117.

Application: WB, Rat, Dorsal root ganglia (DRG) myelinating cultures

- [Differential effects of a polyalanine tract expansion in Arx on neural development and gene expression.](#)

Nasrallah MP, Cho G, Putt ME, Kitamura K, Golden JA.

Human Molecular Genetics 2012 Mar; 21(5):1090.

Application: IF, Mouse, Brain

Disease

- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)