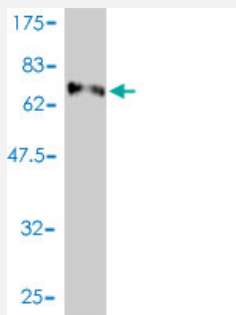


E2F8 monoclonal antibody (M01), clone 3E9-2F5

Catalog # H00079733-M01

Size 100 ug

Applications



Western Blot detection against Immunogen (73.15 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant FLJ23311.
Immunogen	E2F8 (AAH28244, 1 a.a. ~ 431 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAQLAAICKMQLEEQSSSRQKVQVLARSGPCKPVAPLDPPVNAEMELTAPSLIQPLGMVPLIP SPLSSAVPLILPQAPSGPSYAMLQPTQAHQSVTPPQGLSPTVCTHSSKATGSKDSTDATTEKAA NDTSKASASTRPGSLLPAPERQGAKSRTREPAGERGSKRASMLEDSGSKKKFKEDLKGLNV ATLFPSTGYLIPLTQCSSLGAESILSGKENSSALSPNHRYSSPIAGVIPVTSSSEL TAVNFPSFHVTP LMVSPTSVAAPVPGNSPALASSHPVPIQNPSSAMNFTLQHLGLISPNVQLSASPGSGIVPVSPRI SVNVAPENAGTQQGRATNYDSPVPGSQPNQSVAVTGAQQPVPVTPKGSQQLVAESFFRTPG GPTKPTSSSCMDFEGANKTSLGTLFVPQRKLEVSTEDVH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (73.15 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](#)

- ELISA

Gene Info — E2F8

Entrez GeneID[79733](#)**GeneBank Accession#**[BC028244](#)**Protein Accession#**[AAH28244](#)**Gene Name**

E2F8

Gene Alias

FLJ23311

Gene Description

E2F transcription factor 8

Gene Ontology[Hyperlink](#)**Gene Summary**

E2F transcription factors, such as E2F8, are essential for orchestrating expression of genes required for cell cycle progression and proliferation (Christensen et al., 2005 [PubMed 16179649]).[supplied by OMIM]

Other Designations

E2F family member 8

Publication Reference

- [Genome-wide analysis reveals NRP1 as a direct HIF1 \$\alpha\$ -E2F7 target in the regulation of motorneuron guidance in vivo.](#)

de Bruin A, A Cornelissen PW, Kirchmaier BC, Mokry M, Ilich E, Nirmala E, Liang KH, D Végh AM, Scholman KT, Groot Koerkamp MJ, Holstege FC, Cuppen E, Schulte-Merker S, Bakker WJ.

Nucleic Acids Research 2016 May; 44(8):3549.

Application: WB-Tr, Human, HeLa cells

- [E2F8 Contributes to Human Hepatocellular Carcinoma via Regulating Cell Proliferation.](#)

Deng Q, Wang Q, Zong WY, Zheng DL, Wen YX, Wang KS, Teng XM, Zhang X, Huang J, Han ZG.

Cancer Research 2010 Jan; 70(2):782.

Application: ChIP, IF, IHC, WB-Tr, Human, HepG2 Huh-7, PLC/PRF/5, YY8103 cells, Human hepatocellular carcinoma, Human tissue array

- [DNA-damage response control of E2F7 and E2F8.](#)

Panagiotis Zalmas L, Zhao X, Graham AL, Fisher R, Reilly C, Coutts AS, La Thangue NB.

EMBO reports 2008 Jan; 9(3):252.

Application: WB, Human, Mouse, Hct15, Hct116, HeLa, MCF7, MEF, T98G, U2OS cells

- [Synergistic Function of E2F7 and E2F8 Is Essential for Cell Survival and Embryonic Development.](#)

Li J, Ran C, Li E, Gordon F, Comstock G, Siddiqui H, Cleghorn W, Chen HZ, Kornacker K, Liu CG, Pandit SK, Khanizadeh M, Weinstein M, Leone G, de Bruin A.

Developmental Cell 2008 Jan; 14(1):62.

Application: WB, Human, HeLa cells