

## **DEAF1 Antibody (monoclonal) (M06)**

Mouse monoclonal antibody raised against a full length recombinant DEAF1.

Catalog # AT1745a

### **Specification**

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#### **DEAF1 Antibody (monoclonal) (M06) - Product Information**

Application	IF, WB
Primary Accession	<a href="#">O75398</a>
Other Accession	<a href="#">NM_021008</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	59327

#### **DEAF1 Antibody (monoclonal) (M06) - Additional Information**

**Gene ID** 10522

##### **Other Names**

Deformed epidermal autoregulatory factor 1 homolog, Nuclear DEAF-1-related transcriptional regulator, NUDR, Suppressin, Zinc finger MYND domain-containing protein 5, DEAF1, SPN, ZMYND5

##### **Target/Specificity**

DEAF1 (NP\_066288.2, 133 a.a. ~ 222 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### **Dilution**

WB~~1:500~1000

##### **Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### **Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

##### **Precautions**

DEAF1 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

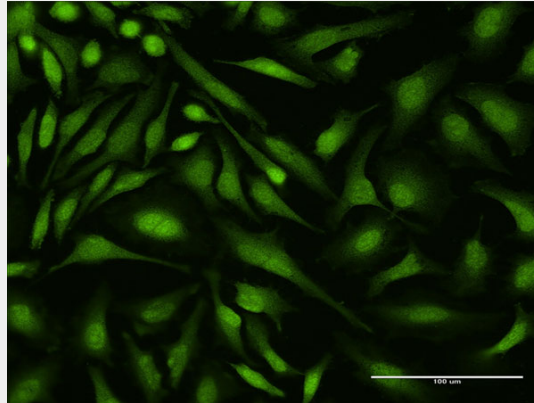
#### **DEAF1 Antibody (monoclonal) (M06) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

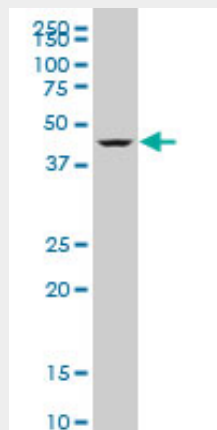
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### DEAF1 Antibody (monoclonal) (M06) - Images



Immunofluorescence of monoclonal antibody to DEAF1 on HeLa cell . [antibody concentration 10 ug/ml]



DEAF1 monoclonal antibody (M06), clone 3E6 Western Blot analysis of DEAF1 expression in SW-13 ( Cat # L005V1 ).

#### DEAF1 Antibody (monoclonal) (M06) - References

Aire regulates the expression of differentiation-associated genes and self-renewal of embryonic stem cells. Gu B, et al. *Biochem Biophys Res Commun*, 2010 Apr 2. PMID 20226168. Deaf1 isoforms control the expression of genes encoding peripheral tissue antigens in the pancreatic lymph nodes during type 1 diabetes. Yip L, et al. *Nat Immunol*, 2009 Sep. PMID 19668219. Functional analysis of the osteoarthritis susceptibility-associated GDF5 regulatory polymorphism. Egli RJ, et al. *Arthritis Rheum*, 2009 Jul. PMID 19565498. Deaf-1 regulates epithelial cell proliferation and side-branching in the mammary gland. Barker HE, et al. *BMC Dev Biol*, 2008 Oct 1. PMID 18826651. Gender-specific decrease in NUDR and 5-HT1A receptor proteins in the prefrontal cortex of subjects with major depressive disorder. Szewczyk B, et al. *Int J Neuropsychopharmacol*, 2009 Mar. PMID 18561871.