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AFF4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant AFF4.
Catalog # AT1065a

Product Information

Application	WB, IHC, E
Primary Accession	Q9UHB7
Other Accession	NM_014423
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2.0E+12
Calculated MW	127459

Additional Information

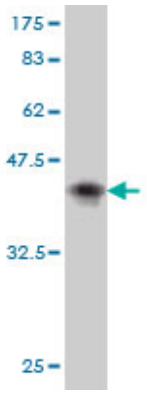
Gene ID	27125
Other Names	AF4/FMR2 family member 4, ALL1-fused gene from chromosome 5q31 protein, Protein AF-5q31, Major CDK9 elongation factor-associated protein, AFF4, AF5Q31, MCEF
Target/Specificity	AFF4 (NP_055238, 1 a.a. ~ 108 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 E~~N/A
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	AFF4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

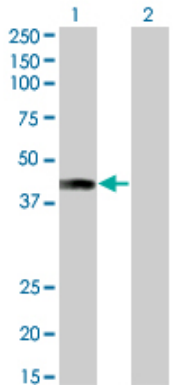
HIV-1 Tat and host AFF4 recruit two transcription elongation factors into a bifunctional complex for coordinated activation of HIV-1 transcription. He N, et al. Mol Cell, 2010 May 14. PMID 20471948.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.AFF4, a component of the ELL/P-TEFb elongation complex and a shared subunit of MLL chimeras, can link transcription elongation to leukemia. Lin C, et al. Mol Cell, 2010 Feb 12. PMID 20159561.Systematic analysis of the protein interaction network for the human transcription machinery reveals the identity of the 7SK capping enzyme. Jeronimo C, et al. Mol Cell, 2007 Jul 20. PMID 17643375.MCEF is localized to the nucleus by protein sequences encoded

within three distinct exons, where it represses HIV-1 Tat-transactivation of LTR-directed transcription. Niedzielski MF, et al. Int J Biol Sci, 2007 Mar 1. PMID 17389929.

Images

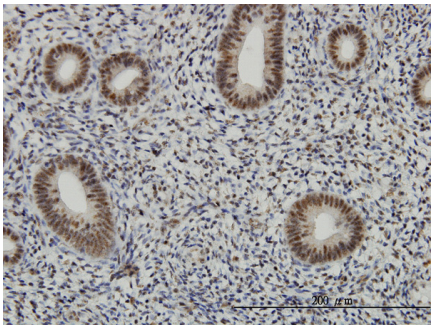


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.62 KDa) .

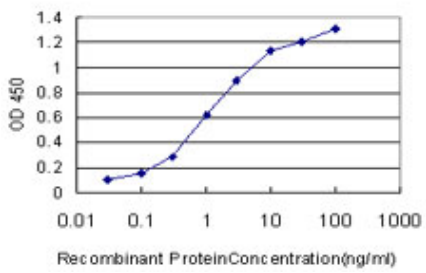


Western Blot analysis of AFF4 expression in transfected 293T cell line by AFF4 monoclonal antibody (M01), clone 2E12.

Lane 1: AFF4 transfected lysate(40.2 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to AFF4 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 1 ug/ml]



Detection limit for recombinant GST tagged AFF4 is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.