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FRZB Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a full length recombinant FRZB.
Catalog # AT2110a

Product Information

Application	WB
Primary Accession	Q92765
Other Accession	NM_001463
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1H8
Calculated MW	36254

Additional Information

Gene ID	2487
Other Names	Secreted frizzled-related protein 3, sFRP-3, Frezzled, Fritz, Frizzled-related protein 1, FrzB-1, FRZB, FIZ, FRE, FRP, FRZB1, SFRP3
Target/Specificity	FRZB (NP_001454, 102 a.a. ~ 190 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	FRZB Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

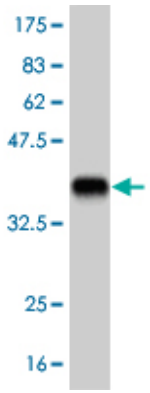
The protein encoded by this gene is a secreted protein that is involved in the regulation of bone development. Defects in this gene are a cause of female-specific osteoarthritis (OA) susceptibility.

References

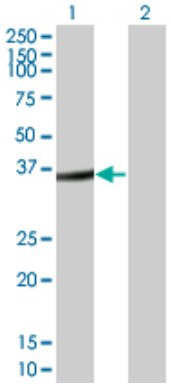
Field synopsis and synthesis of genetic association studies in osteoarthritis: the CUMAGAS-OSTEO information system. Zintzaras E, et al. Am J Epidemiol, 2010 Apr 15. PMID 20237151.The SFRP family of WNT inhibitors function as novel tumor suppressor genes epigenetically silenced in medulloblastoma. Kongkham PN, et al. Oncogene, 2010 May 20. PMID 20208569.Role of secreted frizzled-related protein 3 in human renal

cell carcinoma. Hirata H, et al. Cancer Res, 2010 Mar 1. PMID 20160027.Inherited genetic variant predisposes to aggressive but not indolent prostate cancer. Xu J, et al. Proc Natl Acad Sci U S A, 2010 Feb 2. PMID 20080650.No association of the polymorphisms of the frizzled-related protein gene with peak bone mineral density in Chinese nuclear families. Gao G, et al. BMC Med Genet, 2010 Jan 1. PMID 20043861.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.9 KDa) .



Western Blot analysis of FRZB expression in transfected 293T cell line by FRZB monoclonal antibody (M05), clone 1H8.

Lane 1: FRZB transfected lysate(36.254 KDa).
Lane 2: Non-transfected lysate.

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