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FRZB Antibody (monoclonal) (M05)

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

Specification

FRZB Antibody (monoclonal) (M05) - Product Information

Application	**WB**
Primary Accession	Q92765
Other Accession	NM_001463
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**36254**

FRZB Antibody (monoclonal) (M05) - 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.

FRZB Antibody (monoclonal) (M05) - Protocols

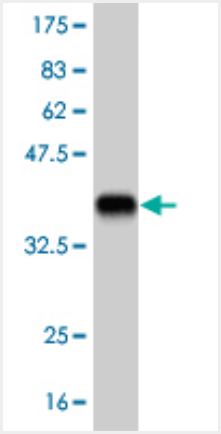
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

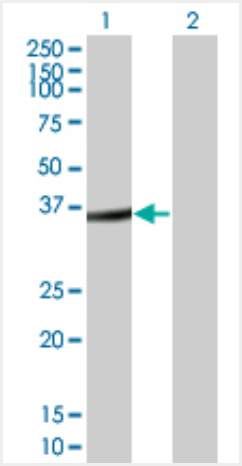
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FRZB Antibody (monoclonal) (M05) - 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.

FRZB Antibody (monoclonal) (M05) - 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.

FRZB Antibody (monoclonal) (M05) - 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.