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BGLAP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant BGLAP.
Catalog # AT1294a

Product Information

Application	WB, IF, E
Primary Accession	P02818
Other Accession	NM_199173
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 lambda
Clone Names	2D4
Calculated MW	10963

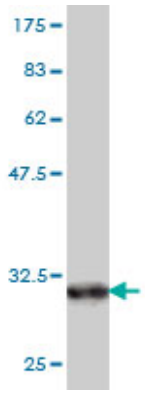
Additional Information

Gene ID	632
Other Names	Osteocalcin, Bone Gla protein, BGP, Gamma-carboxyglutamic acid-containing protein, BGLAP
Target/Specificity	BGLAP (NP_954642, 52 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 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	BGLAP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

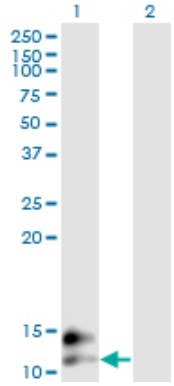
References

Analysis of osteocalcin as a candidate gene for type 2 diabetes (T2D) and intermediate traits in Caucasians and African Americans. Das SK, et al. Dis Markers, 2010 Jan 1. PMID 20592451.Reduced serum total osteocalcin is associated with metabolic syndrome in older men via waist circumference, hyperglycemia, and triglyceride levels. Yeap BB, et al. Eur J Endocrinol, 2010 Aug. PMID 20501596.Evidence for osteocalcin production by adipose tissue and its role in human metabolism. Foresta C, et al. J Clin Endocrinol Metab, 2010 Jul. PMID 20410230.Serum osteocalcin is associated with measures of insulin resistance, adipokine levels, and the presence of metabolic syndrome. Saleem U, et al. Arterioscler Thromb Vasc Biol, 2010 Jul. PMID 20395593.Hepatic osteodystrophy and liver cirrhosis. Goral V, et al. World J Gastroenterol, 2010 Apr 7. PMID 20355242.

Images

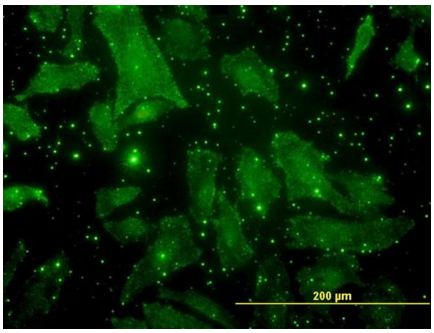


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (31.13 KDa) .

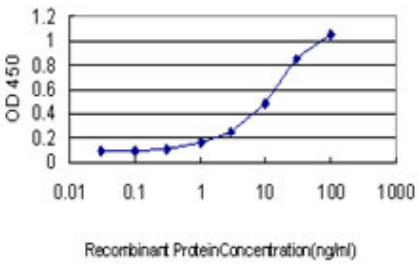


Western Blot analysis of BGLAP expression in transfected 293T cell line by BGLAP monoclonal antibody (M01), clone 2D4.

Lane 1: BGLAP transfected lysate(11 KDa).
Lane 2: Non-transfected lysate.



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



Detection limit for recombinant GST tagged BGLAP is approximately 0.3ng/ml as a capture antibody.

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