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HOXB9 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full-length recombinant HOXB9.
Catalog # AT2414a

Product Information

Application	WB, E
Primary Accession	P17482
Other Accession	NM_024017
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3C8
Calculated MW	28059

Additional Information

Gene ID	3219
Other Names	Homeobox protein Hox-B9, Homeobox protein Hox-25, Homeobox protein Hox-2E, HOXB9, HOX2E
Target/Specificity	HOXB9 (NP_076922.1, 65 a.a. ~ 163 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	HOXB9 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

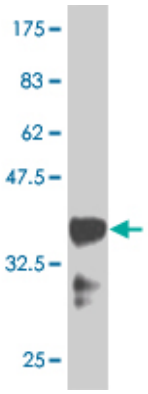
This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer.

References

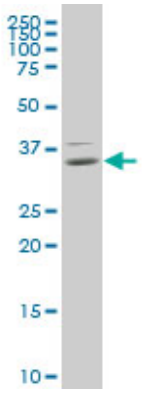
1.Elevated HOXB9 expression promotes differentiation and predicts a favourable outcome in colon

adenocarcinoma patients.Zhan J, Niu M, Wang P, Zhu X, Li S, Song J, He H, Wang Y, Xue L, Fang W, Zhang HBr J Cancer. 2014 Jul 15. doi: 10.1038/bjc.2014.387.

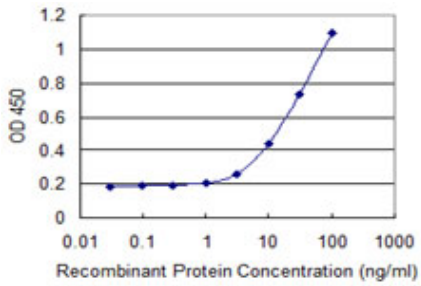
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.52 KDa) .



HOXB9 monoclonal antibody (M01), clone 3C8 Western Blot analysis of HOXB9 expression in HepG2 ((Cat # AT2414a)



Detection limit for recombinant GST tagged HOXB9 is 1 ng/ml as a capture antibody.