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PBX1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PBX1.
Catalog # AT3200a

Product Information

Application	WB, IHC, IF, E
Primary Accession	P40424
Other Accession	NM_002585
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4A2
Calculated MW	46626

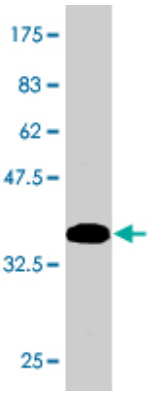
Additional Information

Gene ID	5087
Other Names	Pre-B-cell leukemia transcription factor 1, Homeobox protein PBX1, Homeobox protein PRL, PBX1, PRL
Target/Specificity	PBX1 (NP_002576, 213 a.a. ~ 321 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 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	PBX1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

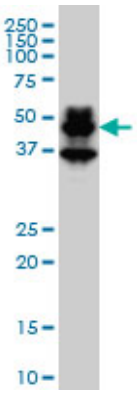
References

1.PBX1 Genomic Pioneer Function Drives ER alpha Signaling Underlying Progression in Breast Cancer.Magnani L, Ballantyne EB, Zhang X, Lupien M.PLoS Genet. 2011 Nov;7(11):e1002368. Epub 2011 Nov 17.2.Cooperative transcriptional activation by klf4, meis2, and pbx1.Bjerke GA, Hyman-Walsh C, Wotton D.Mol Cell Biol. 2011 Sep;31(18):3723-33. Epub 2011 Jul 11.3.Pre-B-cell leukemia homeobox 1 (PBX1) shows functional and possible genetic association with bone mineral density variation.Cheung CL, Chan BY, Chan V, Ikegawa S, Kou I, Ngai H, Smith D, Luk KD, Huang QY, Mori S, Sham PC, Kung AW.Hum Mol Genet. 2009 Feb 15;18(4):679-87. Epub 2008 Dec 8.

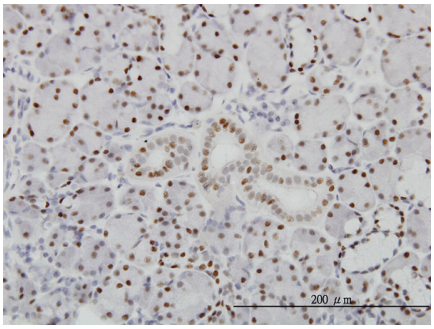
Images



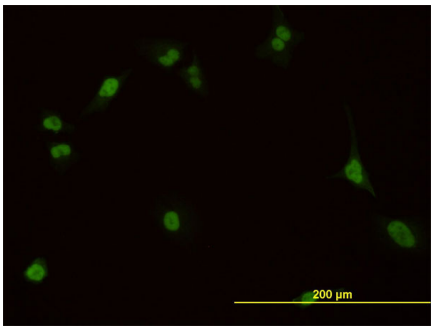
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .



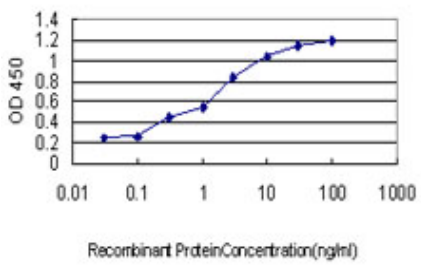
PBX1 monoclonal antibody (M01), clone 4A2 Western Blot analysis of PBX1 expression in Hela S3 NE ((Cat # AT3200a)



Immunoperoxidase of monoclonal antibody to PBX1 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to PBX1 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged PBX1 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'.